

Converting Colors

XYZ(65.2296, 85.6758, 60.1199)

Have a look what the booklet for
XYZ(65.2296, 85.6758, 60.1199)
contains.

XYZ(65.2232, 85.6727, 60.1126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.2232, 85.6727,
60.1126)**

Conversions

Conversions Part 1

Format	Color
Hex	BBFFBB
RGB	187, 255, 187
RGB Percent	73%, 100%, 73%
CMY	0.2667, 0.0000, 0.2667
CMYK	0.27, 0.00, 0.27, 0.00
HSL	120°, 100%, 87%
HSV	120°, 27%, 100%
XYZ	65.2232, 85.6727, 60.1126
YIQ	226.9160, -18.7000, -35.5640

Conversions

Conversions Part 2

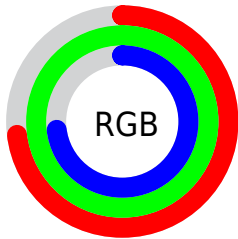
Format	Color
RYB	187, 255, 255
Decimal	12320699
CIELab	94.17, -33.86, 25.88
CIELCh	94, 42.619, 142.608
Yxy	85.6727, 0.3091, 0.4060
Android (android.graphics.Color)	4290510779 (0xFFBBFFBB)
YUV	226.9160, -19.6786, -35.0063
Hunter-Lab	92.5595, -36.1970, 26.2859

Details

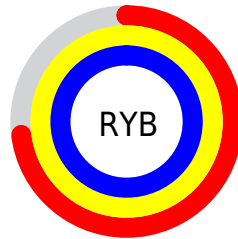
The XYZ color **65.2232, 85.6727, 60.1126** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.0604, 64.0211, 102.9026**, and the grayscale version is **73.1005, 76.9074, 83.7522**.

A 20% lighter version of the original color is **89.2459, 97.2242, 98.8564**, and **33.9434, 46.9872, 29.4707** is the 20% darker color. If you saturate the color by 10%, you get **57.0366, 81.7402, 46.7225**, and if you desaturate by 10%, it is **75.0032, 90.3705, 76.1100**.

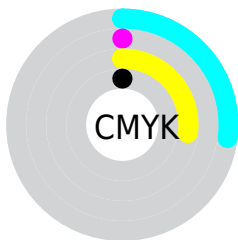
Distribution



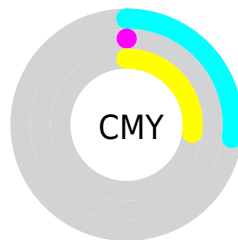
- Red (73%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2232, 85.6727, 60.1126 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 65.2232, 85.6727, 60.1126 by changing the saturation by 10% instead.

65.2232, 85.6727,
60.1126

65.2232, 85.6727,
60.1126

433.1262,
513.8514, 442.8288

47.9075, 64.3974,
43.0835

111.4346,
141.3127, 106.5380

33.9646, 46.9726,
29.6188

141.0610,
176.4461, 136.7713

23.0291, 33.0140,
19.2998

175.5216,
216.9676, 172.2432

14.7358, 22.1372,
11.7081

215.1819,
263.2617, 213.3721

8.7193, 13.9577,
6.4251

260.4071,
315.7127, 260.5765

4.6142, 8.0913,
3.0323

311.5627,

2.0551, 4.1534,

374.7051, 314.2751

1.1112

369.0139,
440.6232, 374.8864

■ 0.6646, 1.7597,
0.0000

■ 0.0000, 0.4619,
0.0000

■ 65.2232, 85.6727,
60.1126

■ 65.2232, 85.6727,
60.1126

■ 57.0366, 81.7402,
46.7225

■ 75.0032, 90.3705,
76.1100

■ 50.3577, 78.5320,
35.7978

■ 86.4532, 95.8705,
94.8384

■ 45.0949, 76.0040,
27.1895

95.0500, 100.0000,
108.9000

■ 41.1463, 74.1073,
20.7307

■ 38.3961, 72.7862,
16.2321

■ 36.7085, 71.9756,
13.4717

■ 35.9130, 71.5935,
12.1704

■ 35.7600, 71.5200,
11.9201

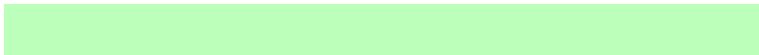
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2887, 85.6727, 46.4959



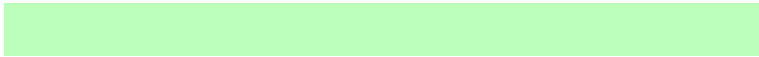
65.2232, 85.6727, 60.1126



61.5651, 85.6727, 85.4355

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.2232, 85.6727, 60.1126



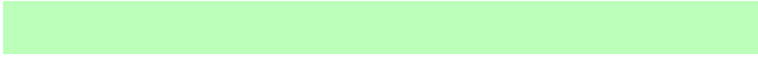
78.6410, 85.6727, 170.4322



103.3919, 85.6727, 71.1676

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.2232, 85.6727, 60.1126



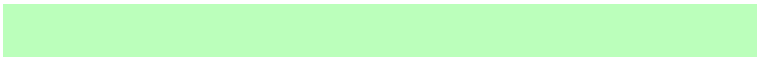
77.0604, 64.0211, 102.9026

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.1636, 85.6727, 101.5969



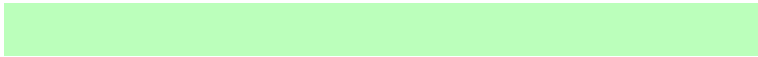
65.2232, 85.6727, 60.1126



90.1515, 85.6727, 164.0819

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.2232, 85.6727, 60.1126



68.8280, 85.6727, 152.5896



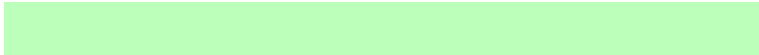
100.1195, 85.6727, 136.8438



95.4819, 85.6727, 51.7615

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2232, 85.6727, 60.1126



61.8531, 85.6727, 107.6705



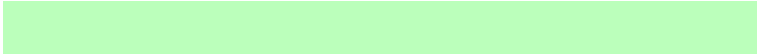
100.1195, 85.6727, 136.8438



104.7533, 85.6727, 80.2379

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.2237, 85.6729, 60.1139



84.8267, 95.0892, 92.1781



85.9698, 96.3679, 61.0842



17.7717, 20.1682, 19.1006



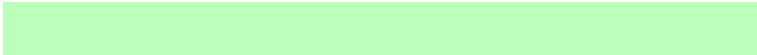
0.0000, 0.0000, 0.0000



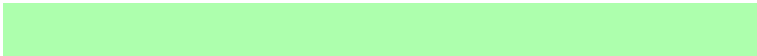
20.3446, 21.4041, 23.3091

Same Dimension

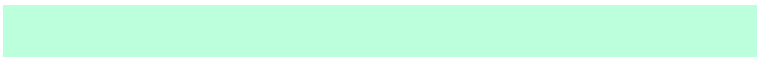
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2237, 85.6729, 60.1139



60.6639, 83.4826, 52.6555



69.3051, 87.3055, 81.6060



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2285



1.8193, 3.6387, 0.6065

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.0604, 64.0211, 102.9026



74.3102, 58.5207, 101.9857



72.0618, 62.0217, 76.5804



18.7927, 18.3004, 22.7917



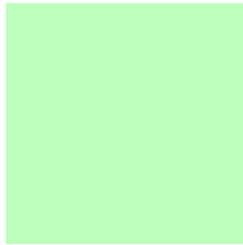
30.9800, 14.8813, 50.6724



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 65.2232, 85.6727, 60.1126 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 65.2232, 85.6727, 60.1126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

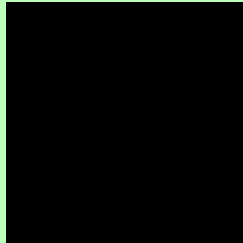
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

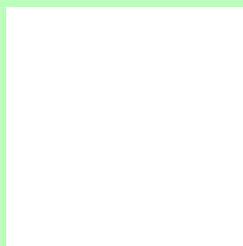
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2232, 85.6727, 60.1126

Background



This preview shows how black text looks on a background with the XYZ color 65.2232, 85.6727, 60.1126.

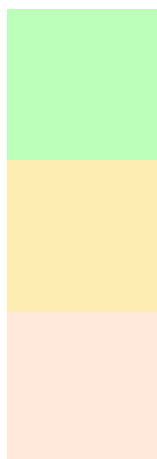


This preview shows how white text looks on a background with the XYZ color 65.2232, 85.6727,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.2232, 85.6727, 60.1126

Protanopia

79.2939, 84.8939, 54.8547

Deuteranopia

83.1651, 84.6523, 78.9741



Tritanopia

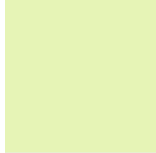
77.8265, 85.1713, 106.9456

Trichromacy



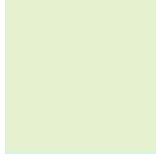
Original Color

65.2232, 85.6727, 60.1126



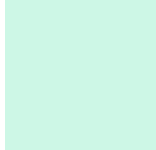
Protanomaly

73.4273, 84.9018, 56.7736



Deuteranomaly

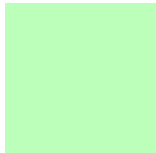
75.3509, 84.2386, 71.3197



Tritanomaly

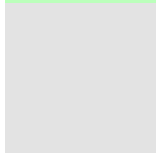
72.7205, 85.2138, 87.4780

Monochromacy



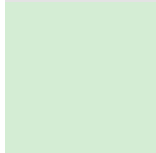
Original Color

65.2232, 85.6727, 60.1126



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.3192, 79.3189, 73.9439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2232, 85.6727, 60.1126 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 187) }
```

Border

The CSS property to change the border of an element to XYZ 65.2232, 85.6727, 60.1126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 255, 187) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 255, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(187, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 255, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 255, 187); box-shadow:4px 4px 4px 4px rgb(187, 255, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2232, 85.6727, 60.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
255, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor