

Converting Colors

XYZ(65.0276, 85.5281, 62.0814)

Have a look what the booklet for
XYZ(65.0276, 85.5281, 62.0814)
contains.

XYZ(65.0618, 85.5520, 61.7993)	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(65.0618, 85.5520,
61.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FFBE
RGB	185, 255, 190
RGB Percent	73%, 100%, 75%
CMY	0.2745, 0.0000, 0.2549
CMYK	0.27, 0.00, 0.25, 0.00
HSL	124°, 100%, 86%
HSV	124°, 27%, 100%
XYZ	65.0618, 85.5520, 61.7993
YIQ	226.6600, -20.8550, -35.0550

Conversions

Conversions Part 2

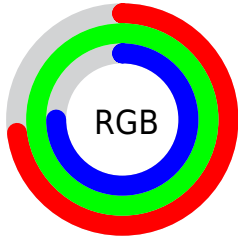
Format	Color
RYB	185, 250, 255
Decimal	12189630
CIELab	94.12, -34.00, 24.27
CIELCh	94, 41.776, 144.480
Yxy	85.5520, 0.3063, 0.4028
Android (android.graphics.Color)	4290379710 (0xFFB9FFBE)
YUV	226.6600, -18.0734, -36.5358
Hunter-Lab	92.4943, -36.3057, 25.1319

Details

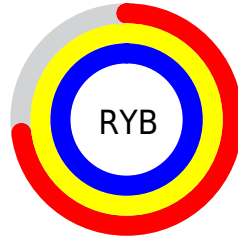
The XYZ color **65.0618, 85.5520, 61.7993** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.8443, 62.8604, 98.5772**, and the grayscale version is **72.9042, 76.7009, 83.5272**.

A 20% lighter version of the original color is **89.1665, 97.1126, 102.0407**, and **33.8439, 46.9116, 30.5636** is the 20% darker color. If you saturate the color by 10%, you get **57.0704, 81.7074, 48.9957**, and if you desaturate by 10%, it is **74.5780, 90.1340, 76.8715**.

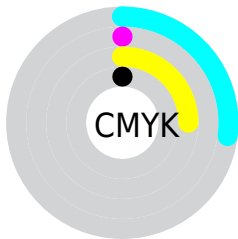
Distribution



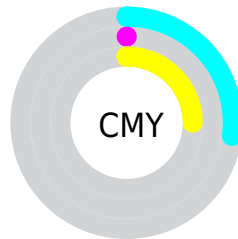
- Red (73%)
- Green (100%)
- Blue (75%)



- Red (73%)
- Yellow (98%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0618, 85.5520, 61.7993 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 65.0618, 85.5520, 61.7993 by changing the saturation by 10% instead.


 65.0618, 85.5520,
61.7993

 65.0618, 85.5520,
61.7993


432.5557,
513.4528, 449.1861

 47.7761, 64.2976,
44.4358


 111.2039,
141.1441, 109.0042

 33.8601, 46.8917,
30.6736


140.7910,
176.2507, 139.6827

 22.9485, 32.9501,
20.0940


175.2093,
216.7433, 175.6366

 14.6760, 22.0882,
12.2787

214.8241,
263.0066, 217.2844

 8.6771, 13.9217,
6.8089

260.0008,
315.4247, 265.0447

 4.5866, 8.0662,
3.2663

311.1047,

 2.0391, 4.1374,

374.3822, 319.3361

1.2321

368.5012,
440.2635, 380.5770

■ 0.6558, 1.7507,
0.0052

■ 0.0000, 0.4562,
0.0000

■ 65.0618, 85.5520,
61.7993

■ 65.0618, 85.5520,
61.7993

■ 57.0704, 81.7074,
48.9957

■ 74.5780, 90.1340,
76.8715

■ 50.5228, 78.5609,
38.3472

■ 85.6909, 95.4884,
94.3104

■ 45.3333, 76.0708,
29.7366

95.0500, 100.0000,
108.9000

■ 41.4061, 74.1906,
23.0336

■ 38.6331, 72.8675,
18.0934

■ 36.8878, 72.0399,
14.7501

■ 36.0089, 71.6290,
12.8061

■ 35.8710, 71.5644,
12.5044

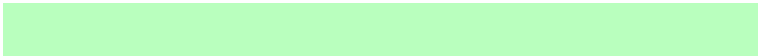
Harmonies

Analogous

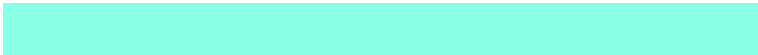
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7386, 85.5520, 47.6485



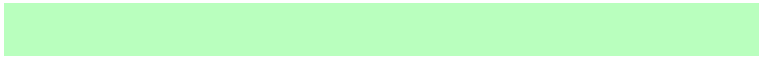
65.0618, 85.5520, 61.7993



61.7616, 85.5520, 87.3606

Triad

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



65.0618, 85.5520, 61.7993



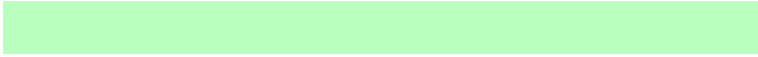
79.2666, 85.5520, 168.7380



102.4617, 85.5520, 69.9250

Complementary

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



65.0618, 85.5520, 61.7993



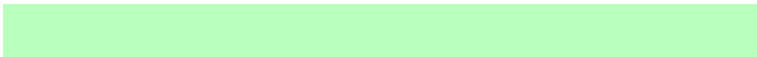
75.8443, 62.8604, 98.5772

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.



104.6120, 85.5520, 99.1930



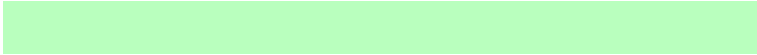
65.0618, 85.5520, 61.7993



90.5395, 85.5520, 161.0676

Square

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



65.0618, 85.5520, 61.7993



69.4676, 85.5520, 152.6954



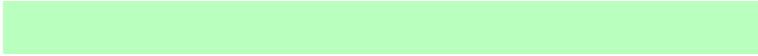
100.0710, 85.5520, 133.6377



94.4373, 85.5520, 51.5329

Rectangle

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



65.0618, 85.5520, 61.7993



62.2476, 85.5520, 109.3872



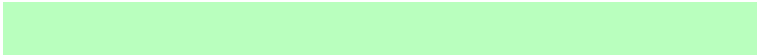
100.0710, 85.5520, 133.6377



103.9246, 85.5520, 78.6076

Sweetspot

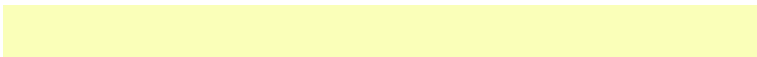
The Sweet Spot groups the original color and five complimentary colors.



65.0624, 85.5522, 61.8006



85.0377, 95.1736, 93.2891



84.0610, 95.4085, 59.8847



17.8242, 20.1892, 19.3773



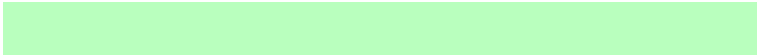
0.0000, 0.0000, 0.0000



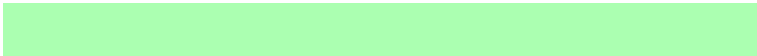
20.3446, 21.4041, 23.3091

Same Dimension

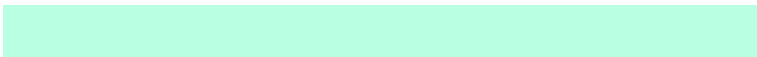
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.0624, 85.5522, 61.8006



60.4440, 83.3299, 54.4216



69.3131, 87.2525, 84.1845



17.8242, 20.1892, 19.3773



18.7624, 37.4015, 6.6340



1.8443, 3.6486, 0.7379

Inverse Universe

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



75.8443, 62.8604, 98.5772



72.8715, 57.1680, 96.8062



70.8979, 60.8818, 72.5298



18.7333, 18.2767, 22.4789



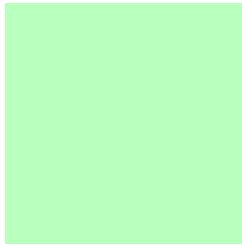
29.5431, 14.3065, 43.1059



2.8926, 1.3994, 4.2819

Previews

White Background



This preview shows how the XYZ color 65.0618, 85.5520, 61.7993 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 65.0618, 85.5520, 61.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

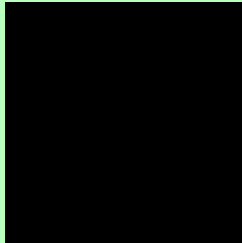
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

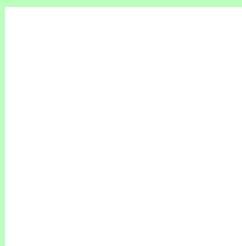
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0618, 85.5520, 61.7993

Background



This preview shows how black text looks on a background with the XYZ color 65.0618, 85.5520, 61.7993.



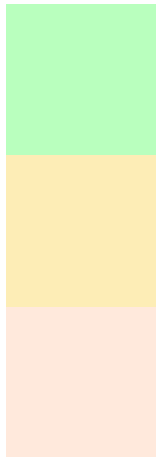
This preview shows how white text looks on a background with the XYZ color 65.0618, 85.5520,

61.7993.

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

65.0618, 85.5520, 61.7993

Protanopia

79.2357, 84.8284, 56.4533

Deuteranopia

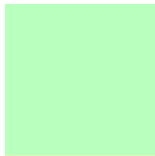
83.2972, 84.7051, 79.6696



Tritanopia

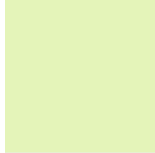
77.5337, 85.0204, 106.9319

Trichromacy



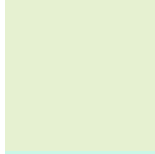
Original Color

65.0618, 85.5520, 61.7993



Protanomaly

73.1025, 84.6981, 58.3944



Deuteranomaly

75.5970, 84.3370, 72.6159



Tritanomaly

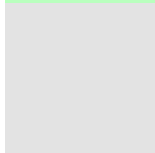
72.3132, 84.9876, 88.1942

Monochromacy



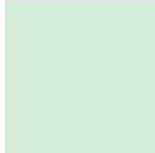
Original Color

65.0618, 85.5520, 61.7993



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.5732, 79.4205, 75.2811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0618, 85.5520, 61.7993 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(185, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 190)  
}
```

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(185, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 190) }
```

Border

The CSS property to change the border of an element to XYZ 65.0618, 85.5520, 61.7993 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(185, 255, 190) }
```


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

```
.border{ border-color:rgb(185, 255, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0618, 85.5520, 61.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 190) }
```

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

```
.background{ background-color: rgb(185,  
255, 190) }
```

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](#).

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