

Converting Colors

XYZ(117.6443, 190.2200,
79.6713)

Have a look what the booklet for
XYZ(117.6443, 190.2200, 79.6713)
contains.

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Color

**XYZ(65.4137, 85.7207,
62.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFFBF
RGB	186, 255, 191
RGB Percent	73%, 100%, 75%
CMY	0.2706, 0.0000, 0.2510
CMYK	0.27, 0.00, 0.25, 0.00
HSL	124°, 100%, 86%
HSV	124°, 27%, 100%
XYZ	65.4137, 85.7207, 62.3883
YIQ	227.0730, -20.5800, -34.5320

Conversions

Conversions Part 2

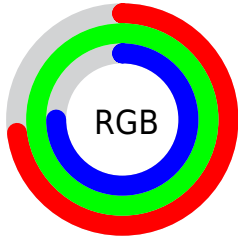
Format	Color
RYB	186, 250, 255
Decimal	12255167
CIELab	94.19, -33.52, 23.87
CIELCh	94, 41.152, 144.543
Yxy	85.7207, 0.3064, 0.4015
Android (android.graphics.Color)	4290445247 (0xFFBAFFBF)
YUV	227.0730, -17.7840, -36.0210
Hunter-Lab	92.5855, -35.9104, 24.8575

Details

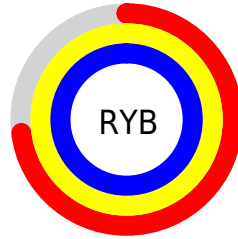
The XYZ color **65.4137, 85.7207, 62.3883** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.0544, 63.2805, 98.6477**, and the grayscale version is **73.2024, 77.0147, 83.8690**.

A 20% lighter version of the original color is **89.6654, 97.3520, 102.8719**, and **34.0695, 47.0196, 30.9470** is the 20% darker color. If you saturate the color by 10%, you get **57.3652, 81.8484, 49.5042**, and if you desaturate by 10%, it is **74.9892, 90.3316, 77.5406**.

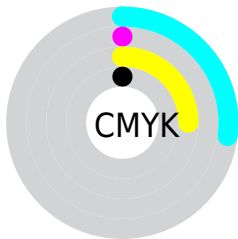
Distribution



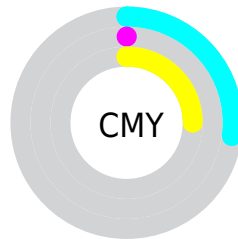
- Red (73%)
- Green (100%)
- Blue (75%)



- 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 65.4137, 85.7207, 62.3883 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 65.4137, 85.7207, 62.3883 by changing the saturation by 10% instead.


 65.4137, 85.7207,
62.3883

 65.4137, 85.7207,
62.3883


433.7989,
514.0098, 451.3928

 48.0626, 64.4370,
44.9087


 111.7068,
141.3797, 109.8636

 34.0879, 47.0047,
31.0431


141.3795,
176.5238, 140.6963

 23.1243, 33.0394,
20.3729


175.8901,
217.0568, 176.8172

 14.8065, 22.1566,
12.4797

215.6039,
263.3632, 218.6448

 8.7692, 13.9720,
6.9447

260.8864,
315.8272, 266.5976

 4.6468, 8.1012,
3.3496

312.1028,

 2.0742, 4.1598,

374.8335, 321.0942

1.2758

369.6185,
440.7662, 382.5531

■ 0.6751, 1.7633,
0.0418

■ 0.0000, 0.4642,
0.0000

■ 65.4137, 85.7207,
62.3883

■ 65.4137, 85.7207,
62.3883

■ 57.3652, 81.8484,
49.5042

■ 74.9892, 90.3316,
77.5406

■ 50.7629, 78.6754,
38.7753

■ 86.1632, 95.7158,
95.0585

■ 45.5216, 76.1603,
30.0854

95.0500, 100.0000,
108.9000

■ 41.5458, 74.2567,
23.3052

■ 38.7283, 72.9123,
18.2910

■ 36.9436, 72.0659,
14.8788

■ 36.0341, 71.6405,
12.8736

■ 35.8732, 71.5653,
12.5159

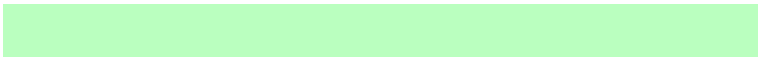
Harmonies

Analogous

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



72.9911, 85.7207, 48.3214



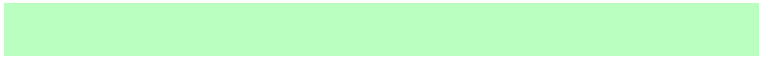
65.4137, 85.7207, 62.3883



62.1596, 85.7207, 87.6857

Triad

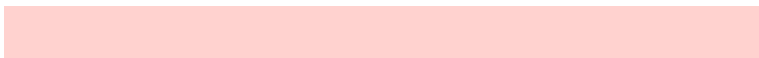
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4137, 85.7207, 62.3883



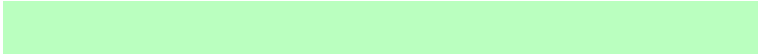
79.4776, 85.7207, 167.6644



102.2970, 85.7207, 70.3411

Complementary

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



65.4137, 85.7207, 62.3883



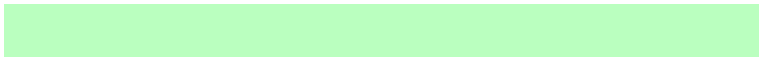
76.0544, 63.2805, 98.6477

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.



104.4268, 85.7207, 99.2224



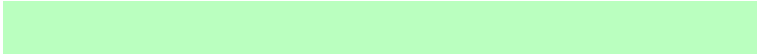
65.4137, 85.7207, 62.3883



90.5919, 85.7207, 160.0898

Square

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



65.4137, 85.7207, 62.3883



69.7973, 85.7207, 151.9670



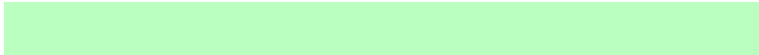
99.9710, 85.7207, 133.1235



94.3874, 85.7207, 52.1363

Rectangle

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



65.4137, 85.7207, 62.3883



62.6473, 85.7207, 109.4085



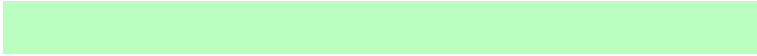
99.9710, 85.7207, 133.1235



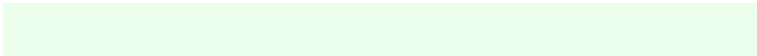
103.7409, 85.7207, 78.9188

Sweetspot

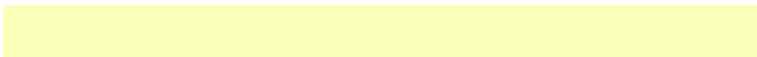
The Sweet Spot groups the original color and five complimentary colors.



65.4143, 85.7210, 62.3896



85.0408, 95.1749, 93.3052



84.1910, 95.4632, 60.4441



17.8250, 20.1895, 19.3813



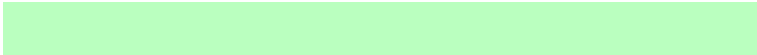
0.0000, 0.0000, 0.0000



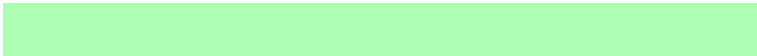
20.3446, 21.4041, 23.3091

Same Dimension

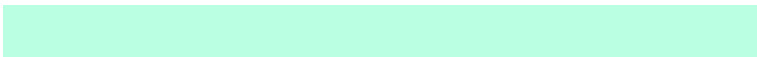
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4143, 85.7210, 62.3896



61.2507, 83.7173, 55.7454



69.6144, 87.4010, 84.5072



17.8250, 20.1895, 19.3813



18.7637, 37.4021, 6.6409



1.8446, 3.6488, 0.7397

Inverse Universe

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



76.0544, 63.2805, 98.6477



73.3727, 58.1457, 97.0489



71.1811, 61.3312, 72.9850



18.7325, 18.2763, 22.4744



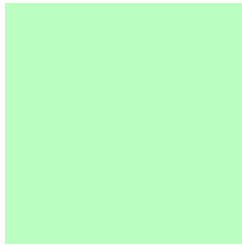
29.5234, 14.2987, 43.0023



2.8909, 1.3987, 4.2729

Previews

White Background



This preview shows how the XYZ color 65.4137, 85.7207, 62.3883 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 65.4137, 85.7207, 62.3883 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

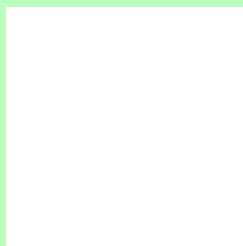
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4137, 85.7207, 62.3883

Background



This preview shows how black text looks on a background with the XYZ color 65.4137, 85.7207, 62.3883.



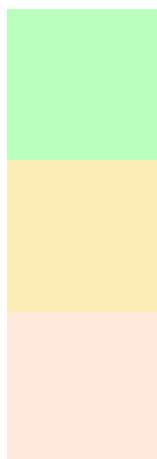
This preview shows how white text looks on a background with the XYZ color 65.4137, 85.7207,

62.3883.

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

65.4137, 85.7207, 62.3883

Protanopia

79.3394, 84.8699, 56.9996

Deuteranopia

83.2972, 84.7051, 79.6696



Tritanopia

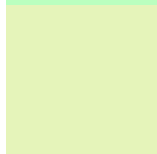
77.8265, 85.1713, 106.9456

Trichromacy



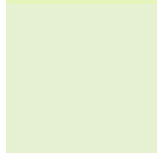
Original Color

65.4137, 85.7207, 62.3883



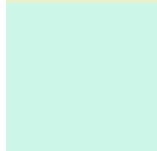
Protanomaly

73.5267, 84.9046, 58.9673



Deuteranomaly

75.5970, 84.3370, 72.6159



Tritanomaly

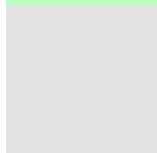
72.7281, 85.1851, 88.9531

Monochromacy



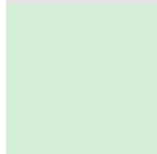
Original Color

65.4137, 85.7207, 62.3883



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 65.4137, 85.7207, 62.3883 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(186, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 191)  
}
```

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(186, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 65.4137, 85.7207, 62.3883 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(186, 255, 191) }
```


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

```
.border{ border-color:rgb(186, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4137, 85.7207, 62.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 191) }
```

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

```
.background{ background-color: rgb(186,  
255, 191) }
```

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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