

Converting Colors

XYZ(65.5290, 80.8512, 75.7704)

Have a look what the booklet for
XYZ(65.5290, 80.8512, 75.7704)
contains.

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Color

**XYZ(65.5290, 80.8512,
75.7704)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF5D6
RGB	188, 245, 214
RGB Percent	74%, 96%, 84%
CMY	0.2627, 0.0392, 0.1608
CMYK	0.23, 0.00, 0.13, 0.04
HSL	147°, 74%, 85%
HSV	147°, 23%, 96%
XYZ	65.5290, 80.8512, 75.7704
YIQ	224.4230, -24.0210, -21.7250

Conversions

Conversions Part 2

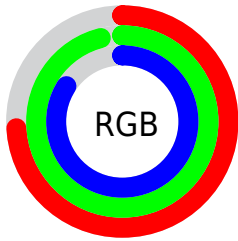
Format	Color
RYB	188, 227, 245
Decimal	12383702
CIELab	92.07, -24.09, 9.09
CIELCh	92, 25.748, 159.334
Yxy	80.8512, 0.2950, 0.3639
Android (android.graphics.Color)	4290573782 (0xFFBCF5D6)
YUV	224.4230, -5.1385, -31.9430
Hunter-Lab	89.9173, -27.2699, 12.9803

Details

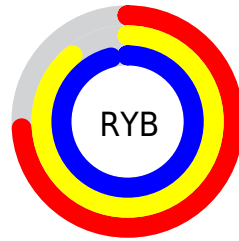
The XYZ color **65.5290, 80.8512, 75.7704** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.4284, 60.4953, 75.0914**, and the grayscale version is **71.2039, 74.9120, 81.5792**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **34.2871, 43.9667, 39.4802** is the 20% darker color. If you saturate the color by 10%, you get **58.3656, 77.3492, 66.9127**, and if you desaturate by 10%, it is **73.8607, 84.9438, 85.4130**.

Distribution



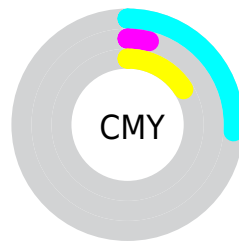
- Red (74%)
- Green (96%)
- Blue (84%)



- Red (74%)
- Yellow (89%)
- Blue (96%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





- Cyan (26%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5290, 80.8512, 75.7704 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 65.5290, 80.8512, 75.7704 by changing the saturation by 10% instead.


 65.5290, 80.8512,
75.7704

 65.5290, 80.8512,
75.7704


434.2058,
497.7968, 499.8873

 48.1564, 60.4191,
55.7387


 111.8715,
134.5618, 129.1594

 34.1626, 43.7565,
39.5909


141.5722,
168.6091, 163.3538

 23.1820, 30.4791,
26.9084


176.1130,
207.9635, 203.1063

 14.8494, 20.2025,
17.2726

215.8593,
253.0095, 248.8352

 8.7994, 12.5424,
10.2650

261.1763,
304.1314, 300.9593

 4.6666, 7.1142,
5.4671


312.4295,


 2.0857, 3.5336,


361.7137, 359.8969


2.4604


369.9842,
426.1407, 426.0667


 0.6814, 1.4163,
0.8190


 0.0000, 0.2287,
0.0000


 65.5290, 80.8512,
75.7704


 65.5290, 80.8512,
75.7704


 58.3656, 77.3492,
66.9127


 73.8607, 84.9438,
85.4130

 52.3088, 74.3998,
58.8146

 83.4052, 89.6430,
95.8543

 47.3011, 71.9759,
51.4572

 91.7798, 93.7222,
107.0005

 43.2770, 70.0441,
44.8187

 91.9439, 93.7878,
107.8646

■ 40.1630, 68.5671,
38.8762

■ 37.8748, 67.5018,
33.6052

■ 36.3105, 66.7962,
28.9797

■ 35.5647, 66.4722,
26.2125

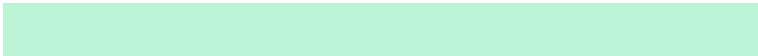
Harmonies

Analogous

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



69.0489, 80.8512, 62.7137



65.5290, 80.8512, 75.7704



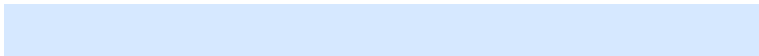
64.9450, 80.8512, 94.0861

Triad

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



65.5290, 80.8512, 75.7704



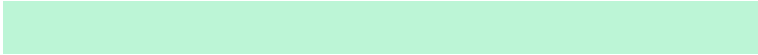
78.9320, 80.8512, 129.1815



87.1310, 80.8512, 66.8672

Complementary

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



65.5290, 80.8512, 75.7704



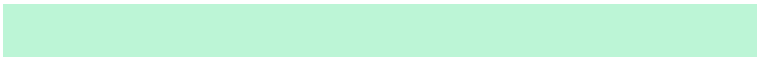
68.4284, 60.4953, 75.0914

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.



90.1201, 80.8512, 82.2457



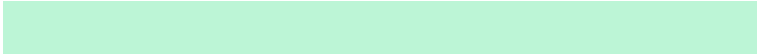
65.5290, 80.8512, 75.7704



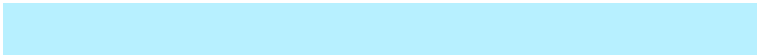
85.2104, 80.8512, 119.3876

Square

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



65.5290, 80.8512, 75.7704



72.4362, 80.8512, 126.7876



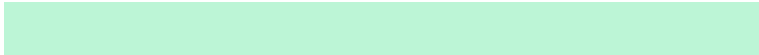
89.3977, 80.8512, 101.5525



81.4326, 80.8512, 58.1098

Rectangle

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



65.5290, 80.8512, 75.7704



66.2636, 80.8512, 107.1507



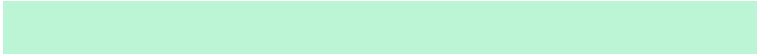
89.3977, 80.8512, 101.5525



88.5004, 80.8512, 71.3366

Sweetspot

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



65.5312, 80.8546, 75.7722



87.2612, 96.1608, 100.5816



71.0511, 84.0537, 60.0571



18.5405, 20.5149, 21.3795



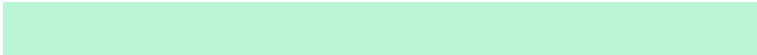
0.0000, 0.0000, 0.0000



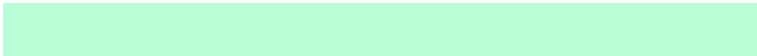
20.3446, 21.4041, 23.3091

Same Dimension

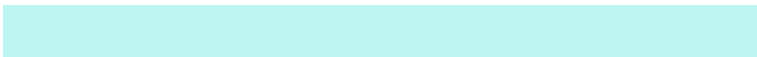
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5312, 80.8546, 75.7722



67.8477, 86.6275, 78.2236



69.4437, 82.4196, 96.3749



16.5965, 18.5978, 19.1597



19.2265, 35.8354, 14.4784



1.7410, 3.1701, 1.5420

Inverse Universe

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



68.4284, 60.4953, 75.0914



71.5405, 60.6722, 77.3524



65.0292, 59.1356, 57.1917



16.8762, 16.6333, 19.0944



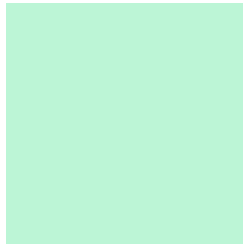
22.6471, 11.4023, 13.3819



2.0423, 1.0229, 1.4491

Previews

White Background



This preview shows how the XYZ color 65.5290, 80.8512, 75.7704 looks on a white background.

Color Contrast Check

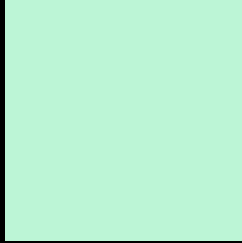
Large Text (above 18pt) WCAG AA × Fail

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 65.5290, 80.8512, 75.7704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

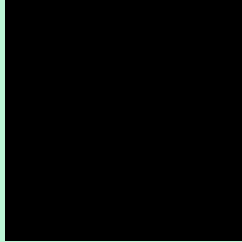
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

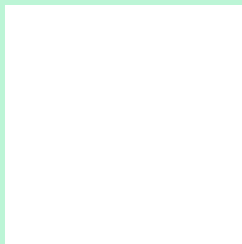
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5290, 80.8512, 75.7704

Background



This preview shows how black text looks on a background with the XYZ color 65.5290, 80.8512, 75.7704.



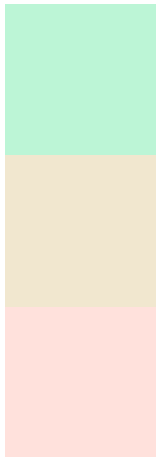
This preview shows how white text looks on a background with the XYZ color 65.5290, 80.8512,

75.7704.

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

65.5290, 80.8512, 75.7704

Protanopia

76.1140, 80.3576, 70.5304

Deuteranopia

81.0835, 80.2777, 78.9317



Tritanopia

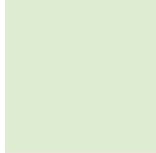
72.7119, 80.7866, 106.3688

Trichromacy



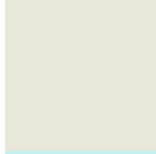
Original Color

65.5290, 80.8512, 75.7704



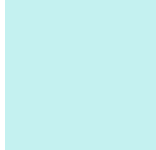
Protanomaly

71.7525, 80.1736, 72.6661



Deuteranomaly

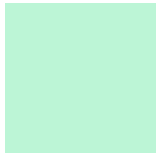
74.4665, 79.7641, 77.8009



Tritanomaly

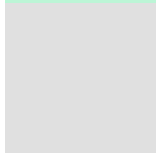
69.9484, 80.9376, 94.3739

Monochromacy



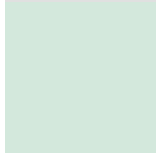
Original Color

65.5290, 80.8512, 75.7704



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.6388, 76.7294, 78.9028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5290, 80.8512, 75.7704 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(188, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(188, 245, 214)  
}
```

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(188, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 245, 214) }
```

Border

The CSS property to change the border of an element to XYZ 65.5290, 80.8512, 75.7704 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(188, 245, 214) }
```


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

```
.border{ border-color:rgb(188, 245, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 245, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(188, 245,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5290, 80.8512, 75.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 245, 214) }
```

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

```
.background{ background-color: rgb(188,  
245, 214) }
```

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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