

Converting Colors

XYZ(65.2087, 75.4080, 90.3812)

Have a look what the booklet for
XYZ(65.2087, 75.4080, 90.3812)
contains.

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Color

**XYZ(65.3022, 75.5931,
90.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	BCEAEC
RGB	188, 234, 236
RGB Percent	74%, 92%, 93%
CMY	0.2627, 0.0823, 0.0745
CMYK	0.20, 0.01, 0.00, 0.07
HSL	182°, 56%, 83%
HSV	182°, 20%, 93%
XYZ	65.3022, 75.5931, 90.5060
YIQ	220.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

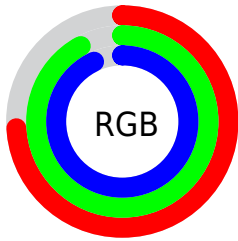
Format	Color
RYB	188, 211, 236
Decimal	12380908
CIELab	89.67, -14.28, -5.86
CIElCh	90, 15.432, 202.310
Yxy	75.5931, 0.2822, 0.3267
Android (android.graphics.Color)	4290570988 (0xFFBCEAEC)
YUV	220.4740, 7.6543, -28.4797
Hunter-Lab	86.9443, -18.0846, -0.8578

Details

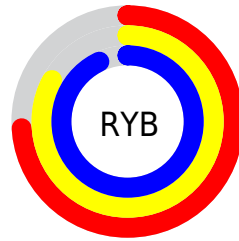
The XYZ color **65.3022, 75.5931, 90.5060** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.0834, 58.2909, 55.5576**, and the grayscale version is **68.3226, 71.8807, 78.2781**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **33.9901, 40.2044, 49.1488** is the 20% darker color. If you saturate the color by 10%, you get **59.6790, 72.2823, 90.1646**, and if you desaturate by 10%, it is **71.8821, 79.4033, 90.8959**.

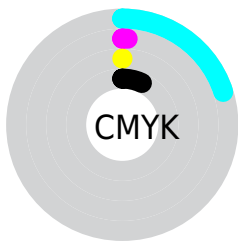
Distribution



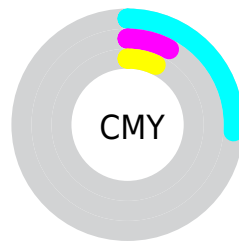
- Red (74%)
- Green (92%)
- Blue (93%)



- Red (74%)
- Yellow (83%)
- Blue (93%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (26%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3022, 75.5931, 90.5060 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 65.3022, 75.5931, 90.5060 by changing the saturation by 10% instead.

65.3022, 75.5931,
90.5060

65.3022, 75.5931,
90.5060

433.4052,
479.9537, 550.2880

47.9718, 56.0989,
67.8243

111.5475,
127.1516, 149.9827

34.0157, 40.2822,
49.2890

141.1931,
159.9846, 187.6148

23.0686, 27.7587,
34.4816

175.6745,
198.0328, 231.0675

14.7651, 18.1438,
22.9835

215.3569,
241.6804, 280.7592

8.7400, 11.0533,
14.3761

260.6059,
291.3119, 337.1086

4.6277, 6.1027,
8.2410

311.7867,

2.0630, 2.9076,

347.3117, 400.5342

4.1596

369.2647,
410.0642, 471.4545

■ 0.6690, 1.0837,
1.7133

■ 0.0000, 0.0000,
0.3698

■ 65.3022, 75.5931,
90.5060

■ 65.3022, 75.5931,
90.5060

■ 59.6790, 72.2823,
90.1646

■ 71.8821, 79.4033,
90.8959

■ 54.9596, 69.4378,
89.8643

■ 79.4549, 83.7257,
91.3310

■ 51.0963, 67.0370,
89.6045

■ 86.6503, 87.8558,
91.7490

■ 48.0342, 65.0514,
89.3826

■ 86.9353, 88.4258,
91.8440

■ 45.7121, 63.4497,
89.1958

■ 87.2219, 88.9989,
91.9395

■ 44.0600, 62.1956,
89.0408

■ 87.5100, 89.5751,
92.0355

■ 42.9944, 61.2461,
88.9137

■ 87.7997, 90.1545,
92.1321

■ 42.3866, 60.5484,
88.8111

■ 88.0909, 90.7370,
92.2292

■ 88.3838, 91.3226,
92.3268

Harmonies

Analogous

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



64.8519, 75.5931, 79.5410



65.3022, 75.5931, 90.5060



67.4759, 75.5931, 99.9932

Triad

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



65.3022, 75.5931, 90.5060



77.7844, 75.5931, 95.7690



72.8306, 75.5931, 63.2720

Complementary

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



65.3022, 75.5931, 90.5060



62.0834, 58.2909, 55.5576

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.



76.4071, 75.5931, 66.8416



65.3022, 75.5931, 90.5060



79.3321, 75.5931, 85.1385

Square

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



65.3022, 75.5931, 90.5060



74.6572, 75.5931, 103.2136



78.8193, 75.5931, 74.6207



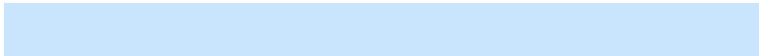
69.1121, 75.5931, 64.4351

Rectangle

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



65.3022, 75.5931, 90.5060



69.6526, 75.5931, 103.8857



78.8193, 75.5931, 74.6207



74.0910, 75.5931, 63.9464

Sweetspot

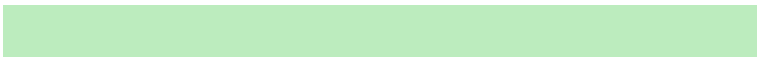
The Sweet Spot groups the original color and five complimentary colors.



65.3044, 75.5962, 90.5077



89.4407, 96.8073, 108.5794



59.9865, 74.3839, 59.6838



19.0190, 20.6493, 23.2333



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.



65.3044, 75.5962, 90.5077



75.1999, 88.5690, 107.7398



59.0263, 63.0400, 88.4150



15.4608, 17.0081, 19.3903



23.3886, 33.4242, 48.9618



1.8533, 2.6580, 3.8502

Inverse Universe

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



67.4284, 59.7415, 85.8228



78.1300, 66.8117, 101.2510



67.6160, 69.3561, 57.4018



15.6862, 15.3023, 18.8986



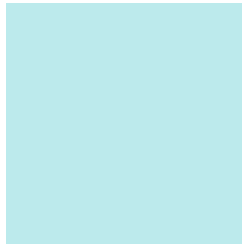
26.6608, 12.8670, 40.8766



2.1019, 1.0137, 3.2542

Previews

White Background



This preview shows how the XYZ color 65.3022, 75.5931, 90.5060 looks on a white background.

Color Contrast Check

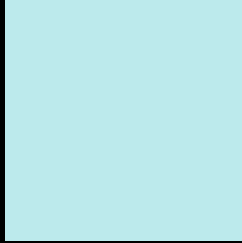
Large Text (above 18pt) WCAG AA × Fail

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 65.3022, 75.5931, 90.5060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

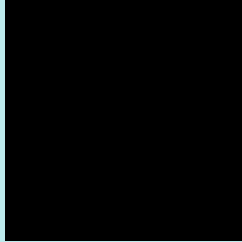
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3022, 75.5931, 90.5060

Background



This preview shows how black text looks on a background with the XYZ color 65.3022, 75.5931, 90.5060.

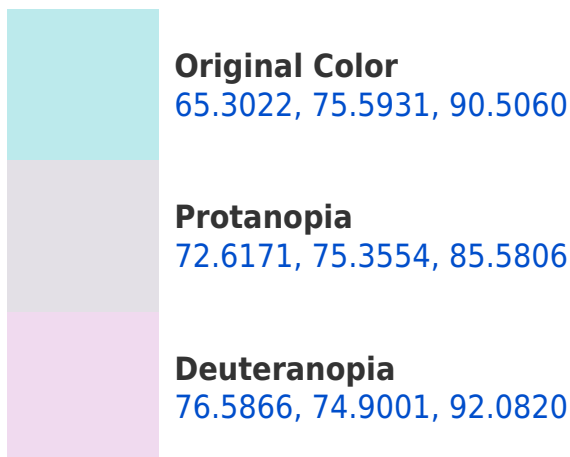


This preview shows how white text looks on a background with the XYZ color 65.3022, 75.5931,

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

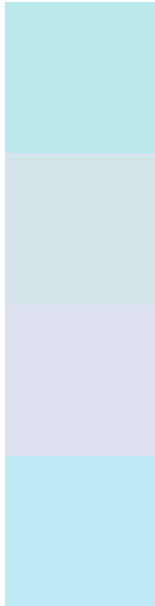




Tritanopia

67.5978, 75.6917, 101.4897

Trichromacy



Original Color

65.3022, 75.5931, 90.5060

Protanomaly

69.7495, 75.4591, 87.2328

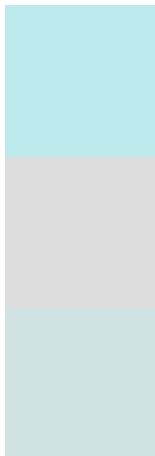
Deuteranomaly

71.9071, 74.8565, 91.5478

Tritanomaly

66.8555, 75.8175, 97.4968

Monochromacy



Original Color

65.3022, 75.5931, 90.5060

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.6651, 72.7513, 82.4803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3022, 75.5931, 90.5060 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, 234, 236)` looks like.

```
.text, #text, p{  
    color:rgb(188, 234, 236)  
}
```

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, 234, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 234, 236) }
```

Border

The CSS property to change the border of an element to XYZ 65.3022, 75.5931, 90.5060 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, 234, 236) }
```


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

```
.border{ border-color:rgb(188, 234, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 234, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(188, 234,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3022, 75.5931, 90.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 234, 236) }
```

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

```
.background{ background-color: rgb(188,  
234, 236) }
```

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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