

Converting Colors

XYZ(65.3684, 75.5517, 92.2581)

Have a look what the booklet for
XYZ(65.3684, 75.5517, 92.2581)
contains.

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Color

**XYZ(65.3490, 75.5835,
92.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEAEE
RGB	187, 234, 238
RGB Percent	73%, 92%, 93%
CMY	0.2667, 0.0823, 0.0667
CMYK	0.21, 0.02, 0.00, 0.07
HSL	185°, 60%, 83%
HSV	185°, 21%, 93%
XYZ	65.3490, 75.5835, 92.0337
YIQ	220.4030, -29.2960, -8.7200

Conversions

Conversions Part 2

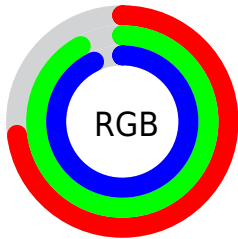
Format	Color
RYB	187, 211, 238
Decimal	12315374
CIELab	89.67, -14.15, -6.92
CIELCh	90, 15.753, 206.051
Yxy	75.5835, 0.2805, 0.3244
Android (android.graphics.Color)	4290505454 (0xFFBBEAEE)
YUV	220.4030, 8.6753, -29.2944
Hunter-Lab	86.9388, -17.9703, -1.9075

Details

The XYZ color **65.3490, 75.5835, 92.0337** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.8611, 59.0269, 55.0955**, and the grayscale version is **68.2667, 71.8219, 78.2141**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **34.0368, 40.2047, 50.2223** is the 20% darker color. If you saturate the color by 10%, you get **59.4745, 71.7728, 91.6090**, and if you desaturate by 10%, it is **72.1984, 79.9090, 92.5088**.

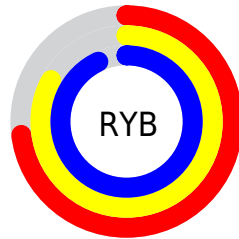
Distribution



Red (73%)

Green (92%)

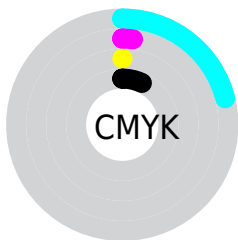
Blue (93%)



Red (73%)

Yellow (83%)

Blue (93%)

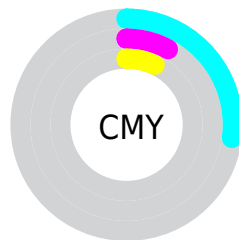


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (8%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3490, 75.5835, 92.0337 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 65.3490, 75.5835, 92.0337 by changing the saturation by 10% instead.

65.3490, 75.5835,
92.0337

65.3490, 75.5835,
92.0337

433.5705,
479.9207, 555.3643

48.0099, 56.0910,
69.0854

111.6144,
127.1380, 152.1202

34.0460, 40.2759,
50.3091

141.2714,
159.9688, 190.0955

23.0920, 27.7537,
35.2862

175.7650,
198.0146, 233.9169

14.7825, 18.1401,
23.5981

215.4606,
241.6596, 284.0030

8.7522, 11.0506,
14.8263

260.7236,
291.2883, 340.7722

4.6357, 6.1009,
8.5523

311.9194,

2.0677, 2.9065,

347.2852, 404.6431

4.3575

369.4132,
410.0345, 476.0343

■ 0.6716, 1.0831,
1.8235

■ 0.0000, 0.0000,
0.4434

■ 65.3490, 75.5835,
92.0337

■ 65.3490, 75.5835,
92.0337

■ 59.4745, 71.7728,
91.6090

■ 72.1984, 79.9090,
92.5088

■ 54.5208, 68.4431,
91.2274

■ 80.0604, 84.7628,
93.0313

■ 50.4386, 65.5710,
90.8882

■ 87.7154, 89.5183,
93.5458

■ 47.1711, 63.1271,
90.5887

■ 88.2662, 90.6198,
93.7294

44.6552, 61.0788,
90.3259

88.8226, 91.7327,
93.9148

42.8180, 59.3886,
90.0965

89.3847, 92.8568,
94.1022

41.5722, 58.0114,
89.8964

89.9525, 93.9924,
94.2915

40.8554, 57.0183,
89.7425

90.5259, 95.1393,
94.4826

91.1051, 96.2977,
94.6757

Harmonies

Analogous

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



64.6571, 75.5835, 80.8363



65.3490, 75.5835, 92.0337



67.7570, 75.5835, 101.3072

Triad

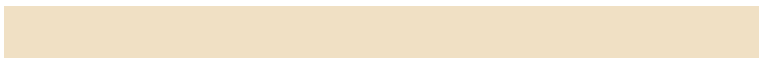
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.3490, 75.5835, 92.0337



78.2024, 75.5835, 94.8043



72.3544, 75.5835, 62.7845

Complementary

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



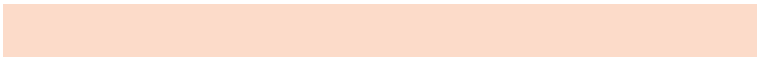
65.3490, 75.5835, 92.0337



62.8611, 59.0269, 55.0955

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.



76.0835, 75.5835, 65.8284



65.3490, 75.5835, 92.0337



79.5358, 75.5835, 83.7764

Square

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



65.3490, 75.5835, 92.0337



75.1635, 75.5835, 103.0051



78.7469, 75.5835, 73.2735



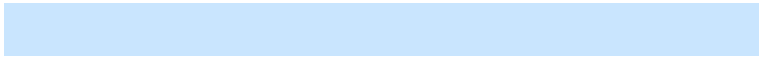
68.6156, 75.5835, 64.5698

Rectangle

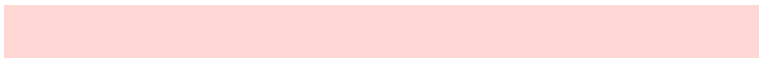
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.3490, 75.5835, 92.0337



70.0580, 75.5835, 104.8034



78.7469, 75.5835, 73.2735



73.6517, 75.5835, 63.2691

Sweetspot

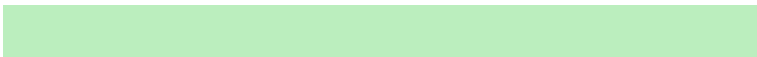
The Sweet Spot groups the original color and five complimentary colors.



65.3512, 75.5866, 92.0354



89.2621, 96.4501, 108.5199



60.4076, 75.4505, 60.3259



18.9766, 20.5646, 23.2191



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.



65.3512, 75.5866, 92.0354



73.0866, 86.2499, 107.4036



58.7526, 62.3894, 89.8359



16.1352, 17.7045, 20.2885



22.8371, 31.8984, 50.0812



1.9310, 2.7161, 4.1767

Inverse Universe

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



67.8833, 59.6601, 85.7831



76.5977, 64.4161, 98.6778



68.7612, 70.8270, 57.0622



16.3977, 16.0088, 19.6504



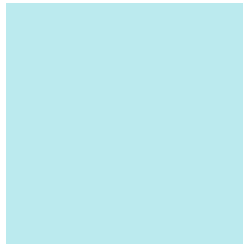
26.8527, 13.0135, 38.7365



2.2497, 1.0889, 3.3055

Previews

White Background



This preview shows how the XYZ color 65.3490, 75.5835, 92.0337 looks on a white background.

Color Contrast Check

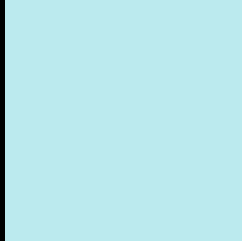
Large Text (above 18pt) WCAG AA × Fail

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 65.3490, 75.5835, 92.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

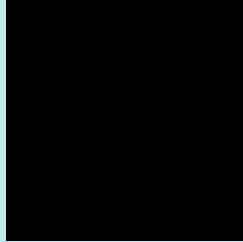
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3490, 75.5835, 92.0337

Background



This preview shows how black text looks on a background with the XYZ color 65.3490, 75.5835, 92.0337.



This preview shows how white text looks on a background with the XYZ color 65.3490, 75.5835,

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

65.3490, 75.5835, 92.0337

Protanopia

72.8997, 75.4684, 87.0686

Deuteranopia

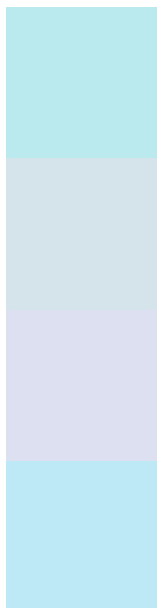
76.5452, 74.8444, 93.6311



Tritanopia

67.5044, 75.6254, 102.3061

Trichromacy



Original Color

65.3490, 75.5835, 92.0337

Protanomaly

69.7461, 75.4244, 88.7243

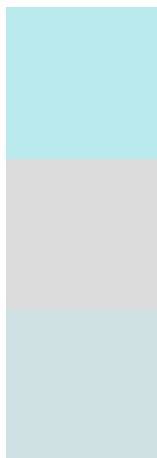
Deuteranomaly

71.8990, 74.8182, 93.0900

Tritanomaly

66.7597, 75.7505, 98.2915

Monochromacy



Original Color

65.3490, 75.5835, 92.0337

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.8028, 72.8064, 83.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3490, 75.5835, 92.0337 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, 234, 238)` looks like.

```
.text, #text, p{  
    color:rgb(187, 234, 238)  
}
```

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, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 234, 238) }
```

Border

The CSS property to change the border of an element to XYZ 65.3490, 75.5835, 92.0337 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, 234, 238) }
```


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

```
.border{ border-color:rgb(187, 234, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(187, 234,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3490, 75.5835, 92.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 234, 238) }
```

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

```
.background{ background-color: rgb(187,  
234, 238) }
```

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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