

Converting Colors

XYZ(60.5952, 65.2734, 89.9346)

Have a look what the booklet for
XYZ(60.5952, 65.2734, 89.9346)
contains.

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Color

**XYZ(60.4654, 65.0850,
90.2647)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD6EE
RGB	189, 214, 238
RGB Percent	74%, 84%, 93%
CMY	0.2588, 0.1608, 0.0667
CMYK	0.21, 0.10, 0.00, 0.07
HSL	209°, 59%, 84%
HSV	209°, 21%, 93%
XYZ	60.4654, 65.0850, 90.2647
YIQ	209.2610, -22.6040, 2.1640

Conversions

Conversions Part 2

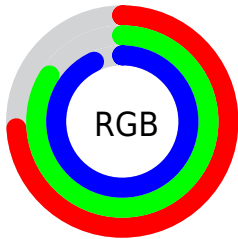
Format	Color
RYB	189, 206, 238
Decimal	12441326
CIELab	84.53, -3.28, -14.56
CIElCh	85, 14.923, 257.287
Yxy	65.0850, 0.2802, 0.3016
Android (android.graphics.Color)	4290631406 (0xFFBDD6EE)
YUV	209.2610, 14.1683, -17.7689
Hunter-Lab	80.6753, -7.3976, -9.8648

Details

The XYZ color **60.4654, 65.0850, 90.2647** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2400, 69.4397, 57.9520**, and the grayscale version is **60.6972, 63.8582, 69.5416**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.8333, 33.3246, 49.0632** is the 20% darker color. If you saturate the color by 10%, you get **52.1944, 56.5990, 89.0637**, and if you desaturate by 10%, it is **69.9202, 74.4979, 91.5843**.

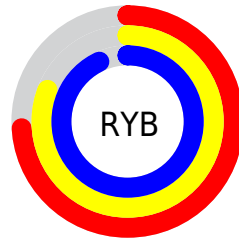
Distribution



Red (74%)

Green (84%)

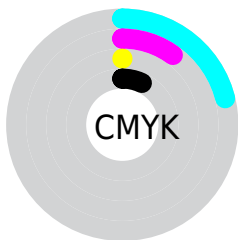
Blue (93%)



Red (74%)

Yellow (81%)

Blue (93%)

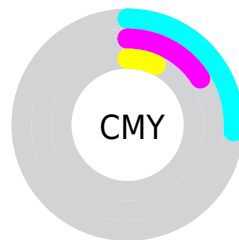


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4654, 65.0850, 90.2647 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 60.4654, 65.0850, 90.2647 by changing the saturation by 10% instead.

■ 60.4654, 65.0850,
90.2647

■ 60.4654, 65.0850,
90.2647

416.1184,
443.0974, 549.4838

■ 44.0448, 47.5300,
67.6253

■ 104.6070,
112.1721, 149.6448

■ 30.9038, 33.4548,
49.1281

133.0587,
142.4729, 187.2224

■ 20.6770, 22.4751,
34.3548

166.2514,
177.7912, 230.6166

■ 12.9993, 14.2064,
22.8868

204.5506,
218.5112, 280.2458

■ 7.5050, 8.2644,
14.3054

248.3215,
265.0175, 336.5286

■ 3.8290, 4.2646,
8.1922

297.9295,

■ 1.6059, 1.8226,

317.6943, 399.8835

4.1286

353.7400,
376.9261, 470.7291

■ 0.3962, 0.5012,
1.6962

■ 0.0000, 0.0000,
0.3581

■ 60.4654, 65.0850,
90.2647

■ 60.4654, 65.0850,
90.2647

■ 52.1944, 56.5990,
89.0637

■ 69.9202, 74.4979,
91.5843

■ 45.0497, 48.9989,
87.9733

■ 80.6012, 84.8610,
93.0217

■ 38.9775, 42.2518,
86.9910

■ 90.5399, 95.1673,
94.4871

■ 33.9172, 36.3195,
86.1127

■ 92.4328, 98.9531,
95.1181

■ 29.8011, 31.1600,
85.3338

■ 26.5523, 26.7261,
84.6492

■ 24.0800, 22.9631,
84.0531

■ 22.3241, 19.9556,
83.5652

Harmonies

Analogous

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



57.6262, 65.0850, 85.1853



60.4654, 65.0850, 90.2647



63.7802, 65.0850, 89.8211

Triad

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



60.4654, 65.0850, 90.2647



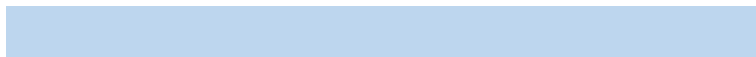
68.1671, 65.0850, 65.5649



57.2828, 65.0850, 59.1607

Complementary

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



60.4654, 65.0850, 90.2647



68.2400, 69.4397, 57.9520

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.



59.9814, 65.0850, 54.7858



60.4654, 65.0850, 90.2647



66.2990, 65.0850, 58.2495

Square

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



60.4654, 65.0850, 90.2647



68.3081, 65.0850, 74.9716



63.2786, 65.0850, 54.4679



55.8335, 65.0850, 66.9140

Rectangle

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



60.4654, 65.0850, 90.2647



65.8148, 65.0850, 86.4507



63.2786, 65.0850, 54.4679



58.0694, 65.0850, 57.2776

Sweetspot

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



60.4674, 65.0877, 90.2662



87.2994, 92.5248, 107.8656



63.5321, 76.7571, 74.2086



18.5120, 19.6353, 23.0642



0.0000, 0.0000, 0.0000



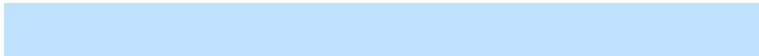
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4674, 65.0877, 90.2662



66.1951, 71.5214, 104.9239



54.7939, 53.7408, 88.3750



15.5641, 16.5623, 20.0981



12.5845, 11.3932, 46.6637



1.1465, 1.1470, 3.9152

Inverse Universe

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



65.5966, 59.4288, 71.6349



73.3500, 64.0006, 78.8513



74.7836, 82.5270, 60.1332



16.1094, 15.8935, 18.1324



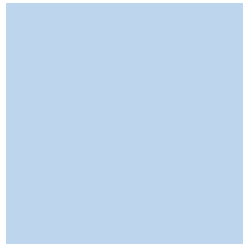
21.6777, 10.9435, 11.4851



1.8536, 0.9305, 1.2202

Previews

White Background



This preview shows how the XYZ color 60.4654, 65.0850, 90.2647 looks on a white background.

Color Contrast Check

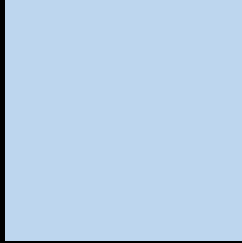
Large Text (above 18pt) WCAG AA × Fail

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 60.4654, 65.0850, 90.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

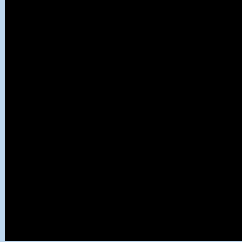
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

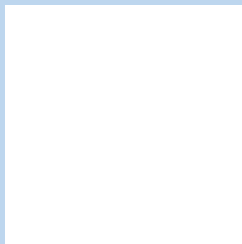
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4654, 65.0850, 90.2647

Background



This preview shows how black text looks on a background with the XYZ color 60.4654, 65.0850, 90.2647.



This preview shows how white text looks on a background with the XYZ color 60.4654, 65.0850,

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

60.4654, 65.0850, 90.2647

Protanopia

63.5280, 64.8645, 87.7691

Deuteranopia

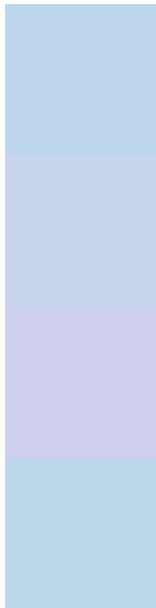
66.1748, 64.7056, 91.4397



Tritanopia

59.6050, 65.1184, 85.7715

Trichromacy



Original Color

60.4654, 65.0850, 90.2647

Protanomaly

62.2540, 64.9240, 88.6073

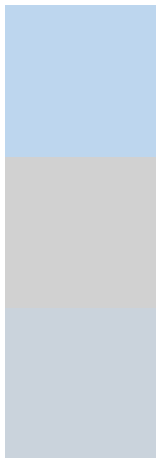
Deuteranomaly

63.8680, 64.6091, 90.7660

Tritanomaly

59.8908, 65.2328, 87.2765

Monochromacy



Original Color

60.4654, 65.0850, 90.2647

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5697, 64.3124, 76.9313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4654, 65.0850, 90.2647 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(189, 214, 238)` looks like.

```
.text, #text, p{  
    color:rgb(189, 214, 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(189, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 214, 238) }
```

Border

The CSS property to change the border of an element to XYZ 60.4654, 65.0850, 90.2647 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(189, 214, 238) }
```


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

```
.border{ border-color:rgb(189, 214, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 214, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(189, 214,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4654, 65.0850, 90.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 214, 238) }
```

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

```
.background{ background-color: rgb(189,  
214, 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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