

Converting Colors

XYZ(60.8237, 65.4707, 91.4040)

Have a look what the booklet for
XYZ(60.8237, 65.4707, 91.4040)
contains.

XYZ(60.8667, 65.6517, 91.1254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.8667, 65.6517,
91.1254)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD7EF
RGB	189, 215, 239
RGB Percent	74%, 84%, 94%
CMY	0.2588, 0.1568, 0.0627
CMYK	0.21, 0.10, 0.00, 0.06
HSL	209°, 61%, 84%
HSV	209°, 21%, 94%
XYZ	60.8667, 65.6517, 91.1254
YIQ	209.9620, -23.2000, 1.9520

Conversions

Conversions Part 2

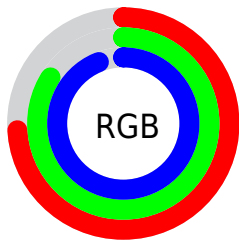
Format	Color
RYB	189, 206, 239
Decimal	12441583
CIELab	84.82, -3.59, -14.65
CIELCh	85, 15.084, 256.236
Yxy	65.6517, 0.2797, 0.3016
Android (android.graphics.Color)	4290631663 (0xFFBDD7EF)
YUV	209.9620, 14.3157, -18.3837
Hunter-Lab	81.0257, -7.7055, -9.9623

Details

The XYZ color **60.8667, 65.6517, 91.1254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5768, 69.6135, 57.9680**, and the grayscale version is **61.1552, 64.3400, 70.0663**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **31.1097, 33.7114, 49.6670** is the 20% darker color. If you saturate the color by 10%, you get **52.6007, 57.2067, 89.9321**, and if you desaturate by 10%, it is **70.3184, 75.0153, 92.4357**.

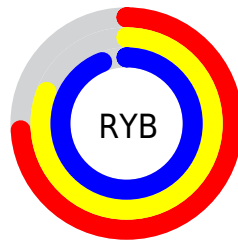
Distribution



Red (74%)

Green (84%)

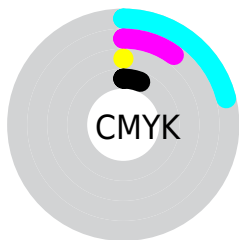
Blue (94%)



Red (74%)

Yellow (81%)

Blue (94%)

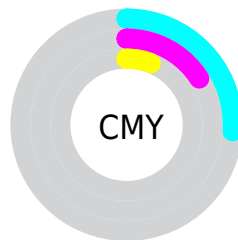


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (26%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8667, 65.6517, 91.1254 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 60.8667, 65.6517, 91.1254 by changing the saturation by 10% instead.

■ 60.8667, 65.6517,
91.1254

■ 60.8667, 65.6517,
91.1254

417.5688,
445.1302, 552.3493

■ 44.3697, 47.9897,
68.3355

■ 105.1851,
112.9863, 150.8498

■ 31.1604, 33.8187,
49.7023

133.7373,
143.4277, 188.6213

■ 20.8735, 22.7544,
34.8074

167.0385,
178.8977, 232.2238

■ 13.1435, 14.4123,
23.2322

205.4542,
219.7806, 282.0758

■ 7.6051, 8.4079,
14.5581

249.3498,
266.4610, 338.5957

■ 3.8930, 4.3571,
8.3667

299.0905,

■ 1.6418, 1.8752,

319.3231, 402.2023

4.2394

355.0417,
378.7514, 473.3140

■ 0.4194, 0.5334,
1.7576

■ 0.0000, 0.0000,
0.3997

■ 60.8667, 65.6517,
91.1254

■ 60.8667, 65.6517,
91.1254

■ 52.6007, 57.2067,
89.9321

■ 70.3184, 75.0153,
92.4357

■ 45.4625, 49.6394,
88.8477

■ 80.9984, 85.3205,
93.8619

■ 39.3980, 42.9169,
87.8697

■ 90.8250, 95.5016,
95.3091

■ 34.3457, 37.0012,
86.9942

■ 92.5802, 99.0121,
95.8942

■ 30.2374, 31.8502,
86.2165

■ 26.9956, 27.4167,
85.5316

■ 24.5278, 23.6459,
84.9338

■ 22.8246, 20.7208,
84.4590

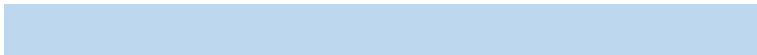
Harmonies

Analogous

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



58.0124, 65.6517, 85.7835



60.8667, 65.6517, 91.1254



64.2345, 65.6517, 90.8813

Triad

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



60.8667, 65.6517, 91.1254



68.8491, 65.6517, 66.4055



57.8238, 65.6517, 59.3685

Complementary

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



60.8667, 65.6517, 91.1254



68.5768, 69.6135, 57.9680

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.



60.6007, 65.6517, 55.0632



60.8667, 65.6517, 91.1254



67.0034, 65.6517, 58.8682

Square

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



60.8667, 65.6517, 91.1254



68.9266, 65.6517, 76.0032



63.9588, 65.6517, 54.8888



56.2989, 65.6517, 67.1467

Rectangle

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



60.8667, 65.6517, 91.1254



66.3204, 65.6517, 87.5692



63.9588, 65.6517, 54.8888



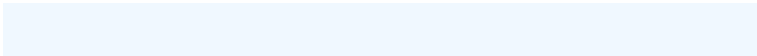
58.6371, 65.6517, 57.4992

Sweetspot

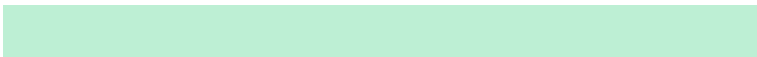
The Sweet Spot groups the original color and five complimentary colors.



60.8687, 65.6544, 91.1269



87.3454, 92.6167, 107.8810



63.7799, 77.3234, 74.0728



18.5228, 19.6570, 23.0679



0.0000, 0.0000, 0.0000



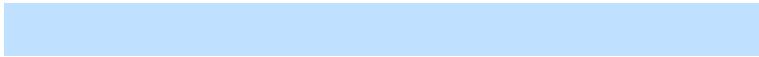
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8687, 65.6544, 91.1269



66.3629, 71.8571, 104.9798



55.1259, 54.1687, 89.2126



15.5774, 16.5888, 20.1026



12.7455, 11.7153, 46.7174



1.1599, 1.1738, 3.9197

Inverse Universe

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



66.0616, 59.6538, 72.3255



73.4347, 64.0345, 79.2975



75.1639, 82.7876, 60.1637



16.1161, 15.8962, 18.1676



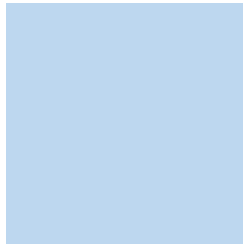
21.7590, 10.9760, 11.9132



1.8604, 0.9332, 1.2558

Previews

White Background



This preview shows how the XYZ color 60.8667, 65.6517, 91.1254 looks on a white background.

Color Contrast Check

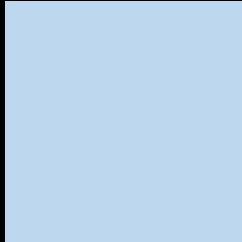
Large Text (above 18pt) WCAG AA × Fail

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 60.8667, 65.6517, 91.1254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

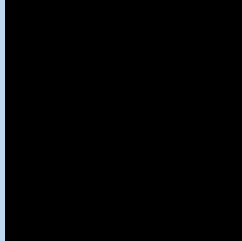
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

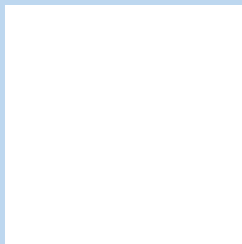
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8667, 65.6517, 91.1254

Background



This preview shows how black text looks on a background with the XYZ color 60.8667, 65.6517, 91.1254.

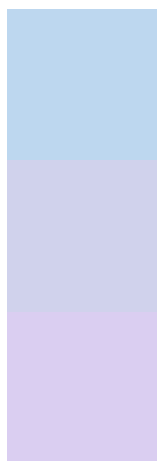


This preview shows how white text looks on a background with the XYZ color 60.8667, 65.6517,

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

60.8667, 65.6517, 91.1254

Protanopia

64.1993, 65.5592, 88.6274

Deuteranopia

66.8619, 65.3989, 92.3183



Tritanopia

60.0029, 65.6863, 86.6070

Trichromacy



Original Color

60.8667, 65.6517, 91.1254

Protanomaly

62.9169, 65.6189, 89.4704

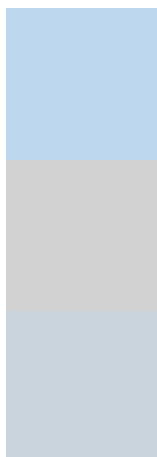
Deuteranomaly

64.2608, 65.1576, 91.6278

Tritanomaly

60.2903, 65.8013, 88.1205

Monochromacy



Original Color

60.8667, 65.6517, 91.1254

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9517, 64.8640, 77.7141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8667, 65.6517, 91.1254 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, 215, 239)` looks like.

```
.text, #text, p{  
    color:rgb(189, 215, 239)  
}
```

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, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 215, 239) }
```

Border

The CSS property to change the border of an element to XYZ 60.8667, 65.6517, 91.1254 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, 215, 239) }
```


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

```
.border{ border-color:rgb(189, 215, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 215, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(189, 215,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8667, 65.6517, 91.1254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 215, 239) }
```

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

```
.background{ background-color: rgb(189,  
215, 239) }
```

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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