

Converting Colors

XYZ(61.0447, 66.5683, 92.5810)

Have a look what the booklet for
XYZ(61.0447, 66.5683, 92.5810)
contains.

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Color

**XYZ(60.9397, 66.4157,
92.8267)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD9F1
RGB	186, 217, 241
RGB Percent	73%, 85%, 95%
CMY	0.2706, 0.1490, 0.0549
CMYK	0.23, 0.10, 0.00, 0.05
HSL	206°, 66%, 84%
HSV	206°, 23%, 95%
XYZ	60.9397, 66.4157, 92.8267
YIQ	210.4670, -26.1800, 0.8920

Conversions

Conversions Part 2

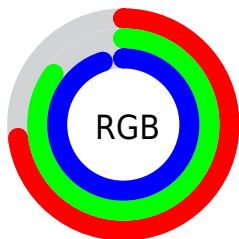
Format	Color
R _Y B	186, 206, 241
Decimal	12245489
CIE Lab	85.21, -5.10, -15.15
CIE LCh	85, 15.980, 251.404
Yxy	66.4157, 0.2768, 0.3016
Android (android.graphics.Color)	4290435569 (0xFFBAD9F1)
YUV	210.4670, 15.0528, -21.4576
Hunter-Lab	81.4958, -9.1417, -10.4864

Details

The XYZ color **60.9397, 66.4157, 92.8267** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.1857, 68.3392, 56.0528**, and the grayscale version is **61.4835, 64.6854, 70.4424**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **31.1930, 34.2490, 50.8656** is the 20% darker color. If you saturate the color by 10%, you get **52.9471, 58.4006, 91.7020**, and if you desaturate by 10%, it is **70.0964, 75.2906, 94.0582**.

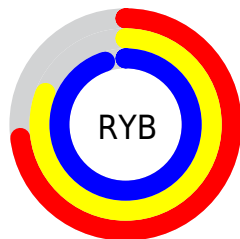
Distribution



Red (73%)

Green (85%)

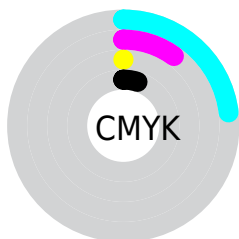
Blue (95%)



Red (73%)

Yellow (81%)

Blue (95%)

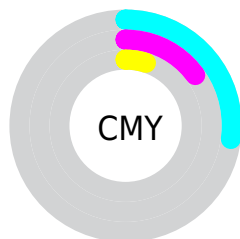


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9397, 66.4157, 92.8267 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 60.9397, 66.4157, 92.8267 by changing the saturation by 10% instead.

■ 60.9397, 66.4157,
92.8267

■ 60.9397, 66.4157,
92.8267

417.8323,
447.8621, 557.9893

■ 44.4289, 48.6099,
69.7406

■ 105.2902,
114.0828, 153.2283

■ 31.2072, 34.3102,
50.8396

133.8606,
144.7129, 191.3809

■ 20.9092, 23.1320,
35.7051

167.1816,
180.3865, 235.3927

■ 13.1698, 14.6910,
23.9187

205.6185,
221.4881, 285.6823

■ 7.6234, 8.6028,
15.0617

249.5366,
268.4021, 342.6682

■ 3.9047, 4.4830,
8.7156

299.3014,

■ 1.6483, 1.9473,

321.5128, 406.7690

4.4619

355.2782,
381.2047, 478.4032

■ 0.4236, 0.5766,
1.8820

■ 0.0000, 0.0000,
0.4812

■ 60.9397, 66.4157,
92.8267

■ 60.9397, 66.4157,
92.8267

■ 52.9471, 58.4006,
91.7020

■ 70.0964, 75.2906,
94.0582

■ 46.0600, 51.2055,
90.6762

■ 80.4604, 85.0472,
95.3952

■ 40.2232, 44.7985,
89.7471

■ 90.8542, 95.0847,
96.7848

■ 35.3742, 39.1426,
88.9110

■ 92.8774, 99.1310,
97.4592

■ 31.4429, 34.1964,
88.1635

■ 28.3492, 29.9131,
87.4998

■ 25.9962, 26.2374,
86.9143

■ 24.6602, 23.9166,
86.5368

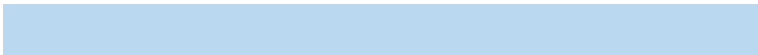
Harmonies

Analogous

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



58.0646, 66.4157, 86.2665



60.9397, 66.4157, 92.8267



64.5077, 66.4157, 93.5907

Triad

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



60.9397, 66.4157, 92.8267



70.1732, 66.4157, 68.4579



58.6485, 66.4157, 58.4140

Complementary

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



60.9397, 66.4157, 92.8267



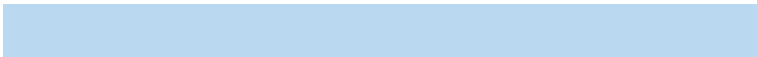
68.1857, 68.3392, 56.0528

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.



61.7644, 66.4157, 54.5366



60.9397, 66.4157, 92.8267



68.4736, 66.4157, 59.9559

Square

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



60.9397, 66.4157, 92.8267



69.9318, 66.4157, 78.8377



65.3642, 66.4157, 55.0727



56.7770, 66.4157, 66.1631

Rectangle

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



60.9397, 66.4157, 92.8267



66.8102, 66.4157, 90.6321



65.3642, 66.4157, 55.0727



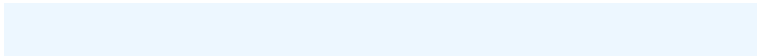
59.5801, 66.4157, 56.6495

Sweetspot

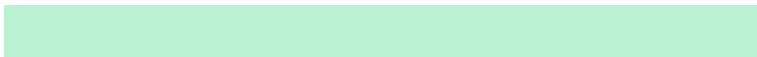
The Sweet Spot groups the original color and five complimentary colors.



60.9417, 66.4184, 92.8282



86.3507, 91.9015, 107.7953



63.3184, 77.9958, 72.5827



18.3290, 19.5263, 23.0529



0.0000, 0.0000, 0.0000



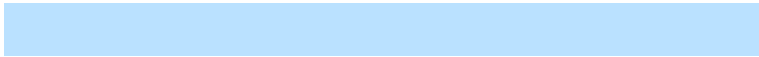
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9417, 66.4184, 92.8282



65.2505, 71.5065, 104.9708



54.4696, 53.4741, 90.6708



15.6366, 16.7073, 20.1223



13.5092, 13.2427, 46.9720



1.2227, 1.2993, 3.9406

Inverse Universe

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



66.3605, 58.8299, 73.5064



72.4156, 61.8751, 79.3317



75.5205, 83.0087, 58.4977



16.1460, 15.9081, 18.3251



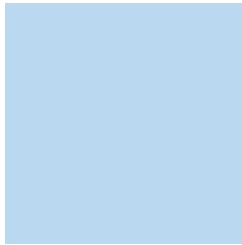
22.1444, 11.1302, 13.9431



1.8921, 0.9459, 1.4226

Previews

White Background



This preview shows how the XYZ color 60.9397, 66.4157, 92.8267 looks on a white background.

Color Contrast Check

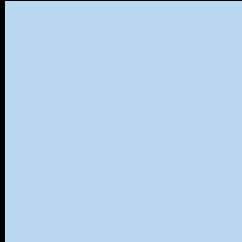
Large Text (above 18pt) WCAG AA × Fail

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 60.9397, 66.4157, 92.8267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

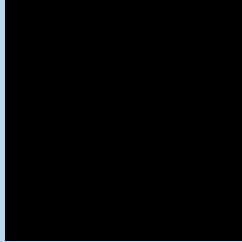
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

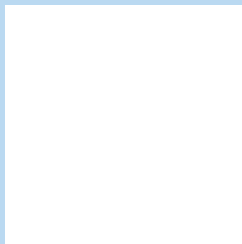
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9397, 66.4157, 92.8267

Background



This preview shows how black text looks on a background with the XYZ color 60.9397, 66.4157, 92.8267.



This preview shows how white text looks on a background with the XYZ color 60.9397, 66.4157,

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

60.9397, 66.4157, 92.8267

Protanopia

64.8748, 66.2583, 89.4906

Deuteranopia

67.7039, 66.1568, 93.9952



Tritanopia

60.0744, 66.4553, 88.2582

Trichromacy



Original Color

60.9397, 66.4157, 92.8267

Protanomaly

63.3143, 66.1791, 90.3257

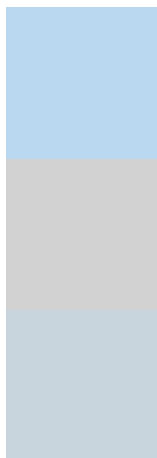
Deuteranomaly

65.0534, 66.2647, 93.3661

Tritanomaly

60.3650, 66.5715, 89.7888

Monochromacy



Original Color

60.9397, 66.4157, 92.8267

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9328, 65.2265, 77.7851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9397, 66.4157, 92.8267 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(186, 217, 241)` looks like.

```
.text, #text, p{  
    color:rgb(186, 217, 241)  
}
```

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(186, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 217, 241) }
```

Border

The CSS property to change the border of an element to XYZ 60.9397, 66.4157, 92.8267 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(186, 217, 241) }
```


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

```
.border{ border-color:rgb(186, 217, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 217, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(186, 217,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9397, 66.4157, 92.8267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 217, 241) }
```

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

```
.background{ background-color: rgb(186,  
217, 241) }
```

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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