

Converting Colors

XYZ(59.7729, 60.9094, 97.4122)

Have a look what the booklet for
XYZ(59.7729, 60.9094, 97.4122)
contains.

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Color

**XYZ(59.7713, 60.9102,
97.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	BECCF8
RGB	190, 204, 248
RGB Percent	75%, 80%, 97%
CMY	0.2549, 0.2000, 0.0274
CMYK	0.23, 0.18, 0.00, 0.03
HSL	226°, 81%, 86%
HSV	226°, 23%, 97%
XYZ	59.7713, 60.9102, 97.4135
YIQ	204.8300, -22.4680, 10.7160

Conversions

Conversions Part 2

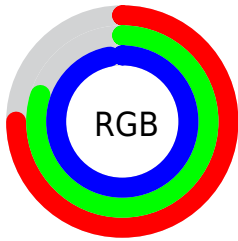
Format	Color
R _Y B	190, 201, 248
Decimal	12504312
CIE Lab	82.33, 4.53, -23.18
CIE LCh	82, 23.619, 281.068
Yxy	60.9102, 0.2741, 0.2793
Android (android.graphics.Color)	4290694392 (0xFFBECCF8)
YUV	204.8300, 21.2828, -13.0059
Hunter-Lab	78.0450, 0.1267, -19.3726

Details

The XYZ color **59.7713, 60.9102, 97.4135** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.4291, 82.5199, 60.5637**, and the grayscale version is **57.8012, 60.8113, 66.2235**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **30.5741, 30.8527, 54.2129** is the 20% darker color. If you saturate the color by 10%, you get **49.8917, 49.5765, 95.7476**, and if you desaturate by 10%, it is **71.2488, 73.8724, 99.3115**.

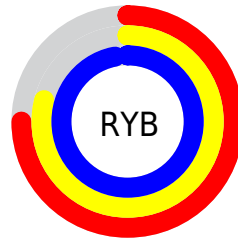
Distribution



Red (75%)

Green (80%)

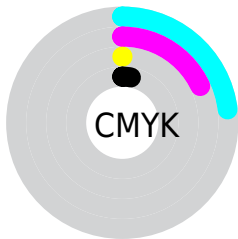
Blue (97%)



Red (75%)

Yellow (79%)

Blue (97%)

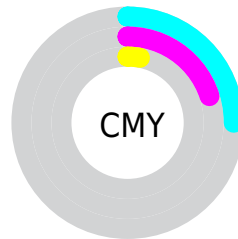


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (20%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7713, 60.9102, 97.4135 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 59.7713, 60.9102, 97.4135 by changing the saturation by 10% instead.

■ 59.7713, 60.9102,
97.4135

■ 59.7713, 60.9102,
97.4135

413.6025,
427.9447, 573.0435

■ 43.4831, 44.1527,
73.5374

■ 103.6061,
106.1489, 159.6189

■ 30.4605, 30.7906,
53.9210

131.8833,
135.3989, 198.7853

■ 20.3382, 20.4394,
38.1458

164.8877,
169.5818, 243.8856

■ 12.7508, 12.7149,
25.7931

202.9844,
209.0821, 295.3382

■ 7.3330, 7.2325,
16.4446

246.5389,
254.2842, 353.5618

■ 3.7194, 3.6079,
9.6815

295.9165,

■ 1.5446, 1.4568,

305.5723, 418.9749

5.0855

351.4826,
363.3310, 491.9959

■ 0.3559, 0.2580,
2.2379

■ 0.0000, 0.0000,
0.6961

■ 59.7713, 60.9102,
97.4135

■ 59.7713, 60.9102,
97.4135

■ 49.8917, 49.5765,
95.7476

■ 71.2488, 73.8724,
99.3115

■ 41.5317, 39.7980,
94.3008

■ 84.3862, 88.5177,
101.4459

■ 34.6150, 31.5069,
93.0650

■ 93.9435, 99.5574,
103.0731

■ 29.0560, 24.6268,
92.0300

■ 24.7597, 19.0745,
91.1847

■ 21.6179, 14.7567,
90.5169

■ 19.5017, 11.5664,
90.0126

■ 18.5526, 9.9956,
89.7595

Harmonies

Analogous

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



54.8095, 60.9102, 96.1476



59.7713, 60.9102, 97.4135



64.4874, 60.9102, 89.4912

Triad

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



59.7713, 60.9102, 97.4135



65.5013, 60.9102, 49.7265



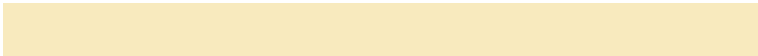
49.2123, 60.9102, 57.7278

Complementary

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



59.7713, 60.9102, 97.4135



77.4291, 82.5199, 60.5637

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.



51.7648, 60.9102, 47.5407



59.7713, 60.9102, 97.4135



61.0907, 60.9102, 43.4047

Square

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



59.7713, 60.9102, 97.4135



67.9210, 60.9102, 61.1406



56.0551, 60.9102, 42.6672



48.9046, 60.9102, 71.7857

Rectangle

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



59.7713, 60.9102, 97.4135



66.7839, 60.9102, 80.6548



56.0551, 60.9102, 42.6672



49.8290, 60.9102, 53.7945

Sweetspot

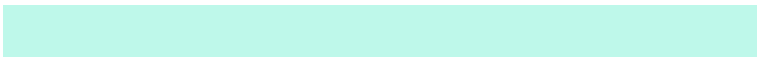
The Sweet Spot groups the original color and five complimentary colors.



59.7732, 60.9127, 97.4149



84.6166, 88.4332, 107.2173



69.5834, 83.9950, 90.0122



17.9279, 18.7240, 22.9191



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.



59.7732, 60.9127, 97.4149



58.5701, 59.0583, 102.9202



60.3972, 56.5139, 96.5329



16.6233, 17.3233, 21.8529



10.1125, 5.5805, 48.5177



1.0154, 0.6744, 4.5198

Inverse Universe

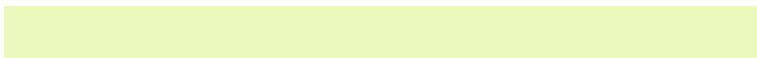
The Inverse Universe completely reimagines the original color for something new.



68.0255, 61.1446, 65.3462



68.8210, 59.5844, 63.0315



76.6306, 88.2616, 61.7140



17.4164, 17.2939, 18.7824



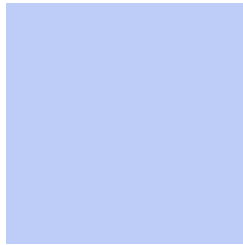
21.3963, 10.9743, 3.5295



2.0214, 1.0323, 0.5363

Previews

White Background



This preview shows how the XYZ color 59.7713, 60.9102, 97.4135 looks on a white background.

Color Contrast Check

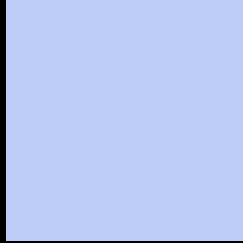
Large Text (above 18pt) WCAG AA × Fail

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 59.7713, 60.9102, 97.4135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

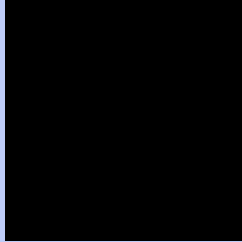
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7713, 60.9102, 97.4135

Background



This preview shows how black text looks on a background with the XYZ color 59.7713, 60.9102, 97.4135.



This preview shows how white text looks on a background with the XYZ color 59.7713, 60.9102,

97.4135.

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

59.7713, 60.9102, 97.4135

Protanopia

60.6501, 61.0294, 96.5789

Deuteranopia

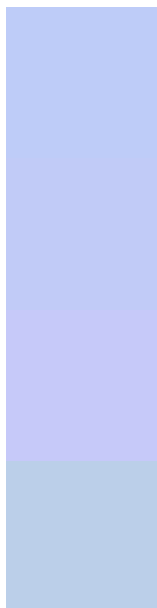
62.1103, 60.7047, 98.0661



Tritanopia

56.1541, 60.8623, 80.0221

Trichromacy



Original Color

59.7713, 60.9102, 97.4135

Protanomaly

60.1368, 60.7647, 96.5549

Deuteranomaly

61.2742, 60.6186, 98.0936

Tritanomaly

57.5143, 61.0736, 85.8479

Monochromacy



Original Color

59.7713, 60.9102, 97.4135

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.7019, 61.1625, 77.1182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7713, 60.9102, 97.4135 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(190, 204, 248)` looks like.

```
.text, #text, p{  
    color:rgb(190, 204, 248)  
}
```

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(190, 204, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 204, 248) }
```

Border

The CSS property to change the border of an element to XYZ 59.7713, 60.9102, 97.4135 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(190, 204, 248) }
```


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

```
.border{ border-color:rgb(190, 204, 248) }
```

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

Here you see how a box with a 4 pixel rgb(190, 204, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 204, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 204, 248);  
box-shadow:4px 4px 4px 4px rgb(190, 204,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7713, 60.9102, 97.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 204, 248) }
```

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

```
.background{ background-color: rgb(190,  
204, 248) }
```

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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