

Converting Colors

XYZ(67.9595, 62.3546,
140.2074)

Have a look what the booklet for
XYZ(67.9595, 62.3546, 140.2074)
contains.

XYZ(60.9791, 59.6689, 102.9111)	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(60.9791, 59.6689,
102.9111)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C7FF
RGB	195, 199, 255
RGB Percent	76%, 78%, 100%
CMY	0.2353, 0.2196, 0.0000
CMYK	0.24, 0.22, 0.00, 0.00
HSL	236°, 100%, 88%
HSV	236°, 24%, 100%
XYZ	60.9791, 59.6689, 102.9111
YIQ	204.1880, -20.3600, 16.5680

Conversions

Conversions Part 2

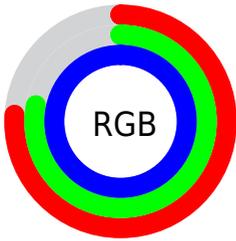
Format	Color
R _Y B	195, 199, 255
Decimal	12830719
CIE Lab	81.66, 10.30, -27.90
CIE LCh	82, 29.739, 290.262
Yxy	59.6689, 0.2728, 0.2669
Android (android.graphics.Color)	4291020799 (0xFFC3C7FF)
YUV	204.1880, 25.0503, -8.0579
Hunter-Lab	77.2456, 5.7312, -24.9176

Details

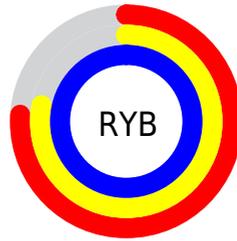
The XYZ color **60.9791, 59.6689, 102.9111** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.5875, 94.1940, 65.3019**, and the grayscale version is **57.3706, 60.3583, 65.7302**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.1337, 29.9035, 57.5571** is the 20% darker color. If you saturate the color by 10%, you get **49.8901, 46.4504, 100.9441**, and if you desaturate by 10%, it is **74.0529, 75.1847, 105.2168**.

Distribution



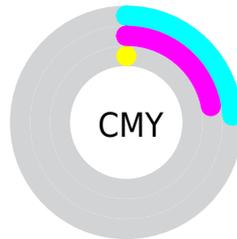
- Red (76%)
- Green (78%)
- Blue (100%)



- Red (76%)
- Yellow (78%)
- Blue (100%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9791, 59.6689, 102.9111 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 60.9791, 59.6689, 102.9111 by changing the saturation by 10% instead.

60.9791, 59.6689,
102.9111

60.9791, 59.6689,
102.9111

417.9745,
423.3763, 590.8124

44.4608, 43.1518,
78.1035

105.3470,
104.3492, 167.2386

31.2324, 30.0043,
57.6421

133.9272,
133.2812, 207.5957

20.9286, 19.8418,
41.1082

167.2588,
167.1204, 253.9730

13.1840, 12.2801,
28.0833

205.7071,
206.2510, 306.7891

7.6332, 6.9347,
18.1489

249.6375,
251.0575, 366.4626

3.9110, 3.4213,
10.8864

299.4153,

1.6519, 1.3554,

301.9243, 433.4119

5.8773

355.4058,
359.2357, 508.0557

■ 0.4259, 0.1835,
2.7030

■ 0.0000, 0.0000,
0.9449

■ 60.9791, 59.6689,
102.9111

■ 60.9791, 59.6689,
102.9111

■ 49.8901, 46.4504,
100.9441

■ 74.0529, 75.1847,
105.2168

■ 40.6840, 35.4134,
99.2989

■ 89.1966, 93.0924,
107.8752

■ 33.2575, 26.4425,
97.9588

95.0500, 100.0000,
108.9000

■ 27.4953, 19.4089,
96.9049

■ 23.2685, 14.1694,
96.1163

■ 20.4292, 10.5608,
95.5694

■ 18.7999, 8.3898,
95.2363

■ 18.2505, 7.6211,
95.1168

Harmonies

Analogous

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



54.7046, 59.6689, 105.1480



60.9791, 59.6689, 102.9111



66.4682, 59.6689, 89.5550

Triad

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



60.9791, 59.6689, 102.9111



64.7501, 59.6689, 41.9295



45.6721, 59.6689, 59.3189

Complementary

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



60.9791, 59.6689, 102.9111



85.5875, 94.1940, 65.3019

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.



47.9631, 59.6689, 45.3534



60.9791, 59.6689, 102.9111



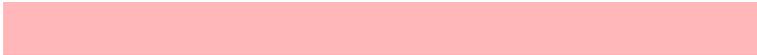
58.7710, 59.6689, 36.6035

Square

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



60.9791, 59.6689, 102.9111



68.7539, 59.6689, 53.7614



52.6516, 59.6689, 37.7297



46.1678, 59.6689, 77.6357

Rectangle

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



60.9791, 59.6689, 102.9111



68.7968, 59.6689, 77.3025



52.6516, 59.6689, 37.7297



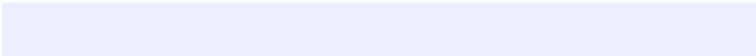
46.1350, 59.6689, 54.0230

Sweetspot

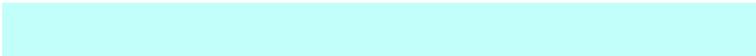
The Sweet Spot groups the original color and five complimentary colors.



60.9808, 59.6712, 102.9114



83.6989, 86.5978, 106.9114



75.5218, 90.0247, 103.8388



17.7160, 18.3003, 22.8485



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.



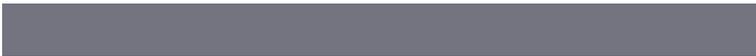
60.9808, 59.6712, 102.9114



55.7820, 53.4821, 101.9908



67.0815, 61.4675, 102.9366



17.1002, 17.5721, 22.7404



9.5723, 4.0542, 49.7126



0.9645, 0.4596, 4.8512

Inverse Universe

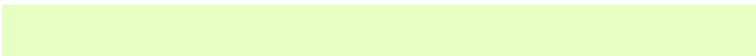
The Inverse Universe completely reimagines the original color for something new.



71.0651, 64.4153, 62.7232



67.4136, 59.0215, 55.6207



78.2442, 92.2835, 65.3202



18.0585, 18.0067, 18.9252



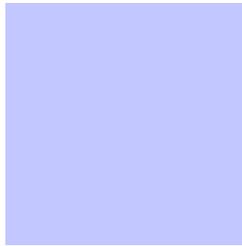
21.6199, 11.1372, 1.3827



2.1214, 1.0909, 0.2208

Previews

White Background



This preview shows how the XYZ color 60.9791, 59.6689, 102.9111 looks on a white background.

Color Contrast Check

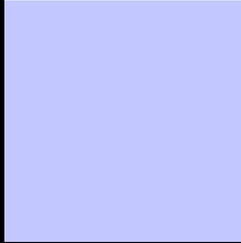
Large Text (above 18pt) WCAG AA × Fail

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 60.9791, 59.6689, 102.9111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

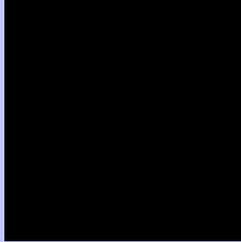
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

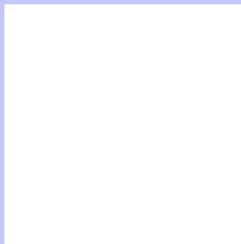
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9791, 59.6689, 102.9111

Background



This preview shows how black text looks on a background with the XYZ color 60.9791, 59.6689, 102.9111.



This preview shows how white text looks on a background with the XYZ color 60.9791, 59.6689,

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

60.9791, 59.6689, 102.9111

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

60.9791, 59.6689, 102.9111



Tritanopia

55.8687, 59.7019, 76.9856

Trichromacy



Original Color

60.9791, 59.6689, 102.9111

Protanomaly

60.1901, 59.6049, 102.9403

Deuteranomaly

60.9791, 59.6689, 102.9111

Tritanomaly

57.5498, 59.6714, 85.5753

Monochromacy



Original Color

60.9791, 59.6689, 102.9111

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.5272, 59.9863, 78.3058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9791, 59.6689, 102.9111 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(195, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 255)  
}
```

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(195, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.9791, 59.6689, 102.9111 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(195, 199, 255) }
```

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

```
.border{ border-color:rgb(195, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9791, 59.6689, 102.9111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 255) }
```

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

```
.background{ background-color: rgb(195,  
199, 255) }
```

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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