

Converting Colors

XYZ(59.5578, 56.5073, 91.7684)

Have a look what the booklet for
XYZ(59.5578, 56.5073, 91.7684)
contains.

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Color

**XYZ(59.5597, 56.5098,
91.7727)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBFF2
RGB	204, 191, 242
RGB Percent	80%, 75%, 95%
CMY	0.2000, 0.2510, 0.0510
CMYK	0.16, 0.21, 0.00, 0.05
HSL	255°, 66%, 85%
HSV	255°, 21%, 95%
XYZ	59.5597, 56.5098, 91.7727
YIQ	200.7010, -8.6230, 18.6170

Conversions

Conversions Part 2

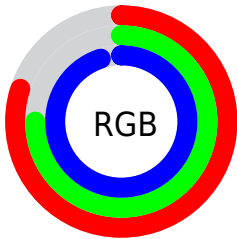
Format	Color
RYB	204, 191, 242
Decimal	13418482
CIELab	79.90, 14.49, -23.57
CIELCh	80, 27.669, 301.582
Yxy	56.5098, 0.2866, 0.2719
Android (android.graphics.Color)	4291608562 (0xFFCCBFF2)
YUV	200.7010, 20.3604, 2.8932
Hunter-Lab	75.1730, 9.8731, -19.7613

Details

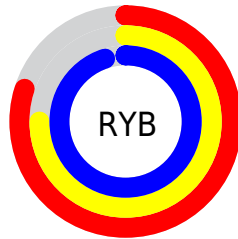
The XYZ color **59.5597, 56.5098, 91.7727** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.4710, 83.9252, 61.6196**, and the grayscale version is **55.2157, 58.0912, 63.2613**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **30.3458, 28.1117, 50.2811** is the 20% darker color. If you saturate the color by 10%, you get **50.0526, 44.4121, 89.9396**, and if you desaturate by 10%, it is **70.5145, 70.6510, 93.9258**.

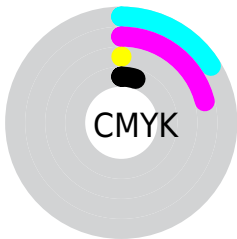
Distribution



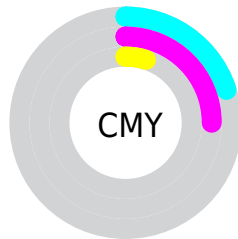
- Red (80%)
- Green (75%)
- Blue (95%)



- Red (80%)
- Yellow (75%)
- Blue (95%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5597, 56.5098, 91.7727 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 59.5597, 56.5098, 91.7727 by changing the saturation by 10% instead.

■ 59.5597, 56.5098,
91.7727

■ 59.5597, 56.5098,
91.7727

412.8337,
411.6099, 554.4989

■ 43.3119, 40.6118,
68.8699

■ 103.3007, 99.7496,
151.7553

■ 30.3255, 28.0159,
50.1346

131.5246,
127.8601, 189.6721

■ 20.2351, 18.3376,
35.1485

164.4713,
160.8103, 233.4307

■ 12.6753, 11.1927,
23.4928

202.5061,
198.9846, 283.4496

■ 7.2808, 6.1966,
14.7491

245.9944,
242.7673, 340.1473

■ 3.6862, 2.9650,
8.4988

295.3015,

■ 1.5262, 1.1135,

292.5428, 403.9424

4.3234

350.7929,
348.6955, 475.2534

■ 0.3435, 0.0000,
1.8044

■ 0.0000, 0.0000,
0.4309

■ 59.5597, 56.5098,
91.7727

■ 59.5597, 56.5098,
91.7727

■ 50.0526, 44.4121,
89.9396

■ 70.5145, 70.6510,
93.9258

■ 41.9257, 34.2553,
88.4075

■ 82.9700, 86.9180,
96.4091

■ 35.1138, 25.9383,
87.1612

■ 93.0272, 99.1909,
98.2480

■ 29.5442, 19.3481,
86.1827

■ 25.1366, 14.3586,
85.4519

■ 21.8005, 10.8261,
84.9459

■ 19.4304, 8.5800,
84.6373

■ 17.9939, 7.4247,
84.4900

Harmonies

Analogous

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



54.0092, 56.5098, 97.8593



59.5597, 56.5098, 91.7727



63.7660, 56.5098, 77.4312

Triad

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



59.5597, 56.5098, 91.7727



59.0089, 56.5098, 38.1651



43.6348, 56.5098, 62.3862

Complementary

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



59.5597, 56.5098, 91.7727



73.4710, 83.9252, 61.6196

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.



44.7726, 56.5098, 47.9692



59.5597, 56.5098, 91.7727



53.4137, 56.5098, 35.5296

Square

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



59.5597, 56.5098, 91.7727



63.4327, 56.5098, 46.7290



48.2581, 56.5098, 38.7887



45.0368, 56.5098, 79.1656

Rectangle

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



59.5597, 56.5098, 91.7727



65.1021, 56.5098, 66.1632



48.2581, 56.5098, 38.7887



43.7325, 56.5098, 57.1175

Sweetspot

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



59.5615, 56.5121, 91.7740



86.2913, 88.5252, 107.1468



65.6032, 73.6660, 94.7666



18.2739, 18.6922, 22.8948



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.



59.5615, 56.5121, 91.7740



62.6071, 57.9281, 102.4892



67.0525, 60.3739, 92.1245



15.2749, 15.4234, 19.8935



9.7728, 4.0434, 45.3933



0.9020, 0.3823, 3.7805

Inverse Universe

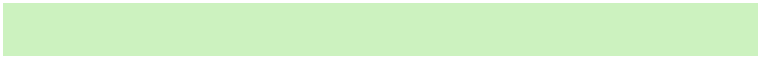
The Inverse Universe completely reimagines the original color for something new.



69.3934, 61.7983, 82.4017



75.4686, 64.8480, 90.0081



65.9913, 80.0693, 61.2696



16.2721, 15.9586, 18.9892



24.1728, 11.9415, 24.6240



2.0508, 1.0094, 2.2586

Previews

White Background



This preview shows how the XYZ color 59.5597, 56.5098, 91.7727 looks on a white background.

Color Contrast Check

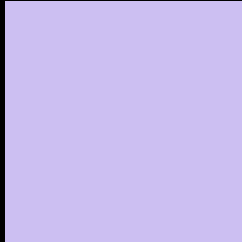
Large Text (above 18pt) WCAG AA × Fail

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 59.5597, 56.5098, 91.7727 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 59.5597, 56.5098, 91.7727

Background



This preview shows how black text looks on a background with the XYZ color 59.5597, 56.5098, 91.7727.



This preview shows how white text looks on a background with the XYZ color 59.5597, 56.5098,

91.7727.

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

59.5597, 56.5098, 91.7727

Protanopia

56.6242, 56.5728, 95.1240

Deuteranopia

57.9339, 56.6702, 91.1041



Tritanopia

55.1768, 56.3754, 70.2608

Trichromacy



Original Color

59.5597, 56.5098, 91.7727

Protanomaly

57.7655, 56.5136, 94.2498

Deuteranomaly

58.5003, 56.6329, 91.0670

Tritanomaly

56.6985, 56.3288, 77.6963

Monochromacy



Original Color

59.5597, 56.5098, 91.7727

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.7180, 57.4469, 73.0648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5597, 56.5098, 91.7727 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(204, 191, 242)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 242)  
}
```

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(204, 191, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 242) }
```

Border

The CSS property to change the border of an element to XYZ 59.5597, 56.5098, 91.7727 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(204, 191, 242) }
```


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

```
.border{ border-color:rgb(204, 191, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 191, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 242);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5597, 56.5098, 91.7727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 242) }
```

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

```
.background{ background-color: rgb(204,  
191, 242) }
```

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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