

Converting Colors

XYZ(60.7190, 57.0372, 94.9978)

Have a look what the booklet for
XYZ(60.7190, 57.0372, 94.9978)
contains.

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Color

**XYZ(60.7190, 57.0372,
94.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBFF6
RGB	206, 191, 246
RGB Percent	81%, 75%, 96%
CMY	0.1921, 0.2510, 0.0353
CMYK	0.16, 0.22, 0.00, 0.04
HSL	256°, 75%, 86%
HSV	256°, 22%, 96%
XYZ	60.7190, 57.0372, 94.9978
YIQ	201.7550, -8.7150, 20.2850

Conversions

Conversions Part 2

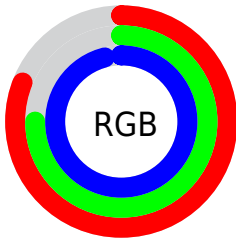
Format	Color
R _Y B	206, 191, 246
Decimal	13549558
CIE Lab	80.20, 15.97, -25.25
CIE LCh	80, 29.872, 302.312
Yxy	57.0372, 0.2854, 0.2681
Android (android.graphics.Color)	4291739638 (0xFFCEBFF6)
YUV	201.7550, 21.8128, 3.7229
Hunter-Lab	75.5230, 11.3453, -21.7128

Details

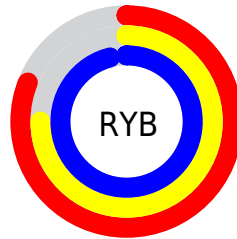
The XYZ color **60.7190, 57.0372, 94.9978** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.3164, 86.6633, 62.0508**, and the grayscale version is **55.8602, 58.7693, 63.9998**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **31.1452, 28.4740, 52.5697** is the 20% darker color. If you saturate the color by 10%, you get **51.1110, 44.7790, 93.1390**, and if you desaturate by 10%, it is **71.7970, 71.3935, 97.1859**.

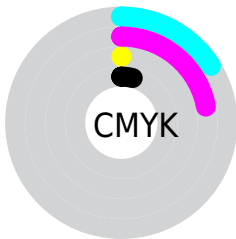
Distribution



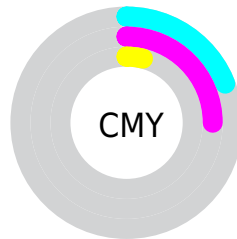
- Red (81%)
- Green (75%)
- Blue (96%)



- Red (81%)
- Yellow (75%)
- Blue (96%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7190, 57.0372, 94.9978 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 60.7190, 57.0372, 94.9978 by changing the saturation by 10% instead.

60.7190, 57.0372,
94.9978

60.7190, 57.0372,
94.9978

417.0353,
413.5887, 565.1421

44.2501, 41.0351,
71.5363

104.9724,
100.5195, 156.2571

31.0659, 28.3465,
52.2954

133.4876,
128.7684, 194.8920

20.8011, 18.5870,
36.8567

166.7489,
161.8685, 239.4217

13.0903, 11.3723,
24.8017

205.1218,
200.2040, 290.2648

7.5682, 6.3178,
15.7117

248.9715,
244.1594, 347.8399

3.8694, 3.0393,
9.1682

298.6634,

1.6285, 1.1523,

294.1190, 412.5654

4.7528

354.5629,
350.4673, 484.8600

■ 0.4109, 0.0222,
2.0468

■ 0.0000, 0.0000,
0.5838

■ 60.7190, 57.0372,
94.9978

■ 60.7190, 57.0372,
94.9978

■ 51.1110, 44.7790,
93.1390

■ 71.7970, 71.3935,
97.1859

■ 42.9038, 34.5122,
91.5899

■ 84.3993, 87.9338,
99.7143

■ 36.0303, 26.1312,
90.3345

■ 93.6347, 99.4339,
101.4473

■ 30.4158, 19.5176,
89.3539

■ 25.9774, 14.5391,
88.6269

■ 22.6213, 11.0444,
88.1292

■ 20.2374, 8.8519,
87.8316

■ 18.9555, 7.8503,
87.7059

Harmonies

Analogous

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



54.6861, 57.0372, 102.0260



60.7190, 57.0372, 94.9978



65.2626, 57.0372, 79.0364

Triad

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



60.7190, 57.0372, 94.9978



59.8405, 57.0372, 36.8783



43.3279, 57.0372, 63.4671

Complementary

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



60.7190, 57.0372, 94.9978



75.3164, 86.6633, 62.0508

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.



44.4853, 57.0372, 47.7808



60.7190, 57.0372, 94.9978



53.7409, 57.0372, 34.2481

Square

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



60.7190, 57.0372, 94.9978



64.7292, 57.0372, 45.8394



48.1876, 57.0372, 37.8427



44.9008, 57.0372, 81.8215

Rectangle

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



60.7190, 57.0372, 94.9978



66.6717, 57.0372, 66.7019



48.1876, 57.0372, 37.8427



43.4105, 57.0372, 57.7221

Sweetspot

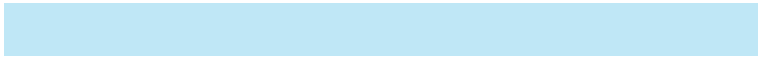
The Sweet Spot groups the original color and five complimentary colors.



60.7208, 57.0396, 94.9991



85.0018, 86.7557, 106.8732



66.7915, 75.0705, 98.1594



18.0168, 18.3369, 22.8397



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.



60.7208, 57.0396, 94.9991



60.7971, 55.3697, 102.0908



68.9258, 61.2694, 95.3831



16.0052, 16.1453, 20.8154



10.2324, 4.2493, 46.8189



0.9940, 0.4223, 4.1194

Inverse Universe

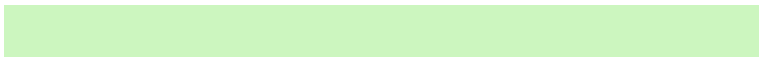
The Inverse Universe completely reimagines the original color for something new.



71.0623, 62.6262, 83.9459



74.0034, 62.5102, 87.6925



67.2177, 82.4883, 61.6718



17.0095, 16.6867, 19.7966



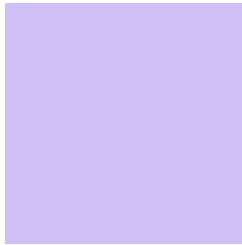
24.6864, 12.2180, 24.1209



2.2127, 1.0910, 2.3464

Previews

White Background



This preview shows how the XYZ color 60.7190, 57.0372, 94.9978 looks on a white background.

Color Contrast Check

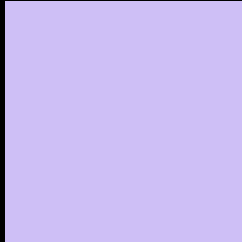
Large Text (above 18pt) WCAG AA × Fail

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 60.7190, 57.0372, 94.9978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

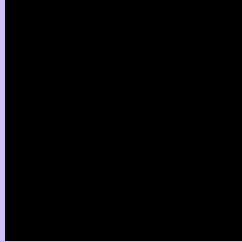
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7190, 57.0372, 94.9978

Background



This preview shows how black text looks on a background with the XYZ color 60.7190, 57.0372, 94.9978.



This preview shows how white text looks on a background with the XYZ color 60.7190, 57.0372,

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

60.7190, 57.0372, 94.9978

Protanopia

57.4713, 57.2737, 98.4684

Deuteranopia

58.5022, 57.2249, 94.3483



Tritanopia

55.7959, 57.0160, 71.0152

Trichromacy



Original Color

60.7190, 57.0372, 94.9978

Protanomaly

58.6063, 57.2072, 97.5757

Deuteranomaly

59.3264, 57.3183, 94.3229

Tritanomaly

57.4628, 57.0230, 79.2121

Monochromacy



Original Color

60.7190, 57.0372, 94.9978

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.4776, 58.1466, 74.5237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7190, 57.0372, 94.9978 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(206, 191, 246)` looks like.

```
.text, #text, p{  
    color:rgb(206, 191, 246)  
}
```

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(206, 191, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 191, 246) }
```

Border

The CSS property to change the border of an element to XYZ 60.7190, 57.0372, 94.9978 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(206, 191, 246) }
```


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

```
.border{ border-color:rgb(206, 191, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 191, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 191, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 191, 246);  
box-shadow:4px 4px 4px 4px rgb(206, 191,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7190, 57.0372, 94.9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 191, 246) }
```

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

```
.background{ background-color: rgb(206,  
191, 246) }
```

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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