

Converting Colors

XYZ(55.6342, 51.4409, 69.7026)

Have a look what the booklet for
XYZ(55.6342, 51.4409, 69.7026)
contains.

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Color

**XYZ(55.7721, 51.5927,
69.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B4D5
RGB	213, 180, 213
RGB Percent	84%, 71%, 84%
CMY	0.1647, 0.2941, 0.1647
CMYK	0.00, 0.15, 0.00, 0.16
HSL	300°, 28%, 77%
HSV	300°, 15%, 84%
XYZ	55.7721, 51.5927, 69.9697
YIQ	193.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

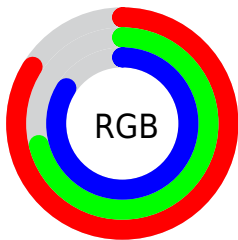
Format	Color
R_{YB}	213, 180, 213
Decimal	14005461
CIE _{Lab}	77.04, 17.58, -12.18
CIE _{LCh}	77, 21.385, 325.278
Yxy	51.5927, 0.3145, 0.2909
Android (android.graphics.Color)	4292195541 (0xFFD5B4D5)
YUV	193.6290, 9.5499, 16.9884
Hunter-Lab	71.8281, 12.9002, -7.4764

Details

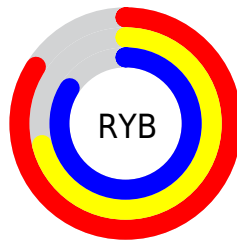
The XYZ color **55.7721, 51.5927, 69.9697** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.8569, 60.5887, 52.1971**, and the grayscale version is **51.0019, 53.6580, 58.4335**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **27.8615, 24.9165, 35.6887** is the 20% darker color. If you saturate the color by 10%, you get **51.7988, 43.6453, 68.6457**, and if you desaturate by 10%, it is **60.4093, 60.8661, 71.5162**.

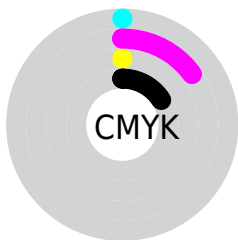
Distribution



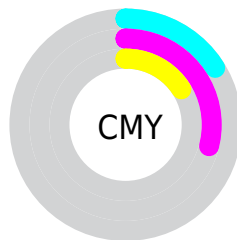
- Red (84%)
- Green (71%)
- Blue (84%)



- Red (84%)
- Yellow (71%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7721, 51.5927, 69.9697 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 55.7721, 51.5927, 69.9697 by changing the saturation by 10% instead.

■ 55.7721, 51.5927,
69.9697

■ 55.7721, 51.5927,
69.9697

398.9210,
392.8622, 479.2299

■ 40.2565, 36.6805,
51.0252

■ 97.8130, 92.5303,
120.8463

■ 27.9237, 24.9602,
35.8518

125.0691,
119.3245, 153.6154

■ 18.4083, 16.0474,
24.0310

156.9693,
150.8481, 191.8298

■ 11.3450, 9.5577,
15.1442

193.8791,
187.4857, 235.9080

■ 6.3684, 5.1067,
8.7729

236.1639,
229.6214, 286.2686

■ 3.1131, 2.3100,
4.4986

284.1888,

■ 1.2139, 0.7790,

277.6398, 343.3300

1.9026

338.3195,
331.9253, 407.5110

■ 0.1173, 0.0000,
0.4944

■ 0.0000, 0.0000,
0.0000

■ 55.7721, 51.5927,
69.9697

■ 55.7721, 51.5927,
69.9697

■ 51.7988, 43.6453,
68.6457

■ 60.4093, 60.8661,
71.5162

■ 48.4546, 36.9570,
67.5308

■ 65.7338, 71.5151,
73.2912

■ 45.7087, 31.4653,
66.6153

■ 71.7737, 83.5949,
75.3047

■ 43.5259, 27.0996,
65.8875

■ 75.2116, 90.4706,
76.4508

41.8670, 23.7820,
65.3344

75.2116, 90.4706,
76.4510

40.6883, 21.4247,
64.9413

75.2117, 90.4706,
76.4512

39.9387, 19.9254,
64.6912

75.2117, 90.4706,
76.4514

39.5554, 19.1589,
64.5633

75.2117, 90.4706,
76.4516

39.4511, 18.9504,
64.5285

75.2118, 90.4707,
76.4518

Harmonies

Analogous

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



52.4641, 51.5927, 79.0397



55.7721, 51.5927, 69.9697



57.2786, 51.5927, 58.0458

Triad

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



55.7721, 51.5927, 69.9697



49.6860, 51.5927, 36.6275



42.2800, 51.5927, 66.3260

Complementary

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



55.7721, 51.5927, 69.9697



50.8569, 60.5887, 52.1971

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.



41.6270, 51.5927, 54.3462



55.7721, 51.5927, 69.9697



45.7631, 51.5927, 38.2101

Square

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



55.7721, 51.5927, 69.9697



53.6430, 51.5927, 39.6586



42.8678, 51.5927, 44.3253



44.7031, 51.5927, 76.7398

Rectangle

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



55.7721, 51.5927, 69.9697



57.0011, 51.5927, 50.4610



42.8678, 51.5927, 44.3253



41.8521, 51.5927, 62.3063

Sweetspot

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



55.7736, 51.5949, 69.9708



91.1166, 92.1332, 107.5887



47.1561, 47.1524, 69.5678



19.3889, 19.4928, 22.9905



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.



55.7736, 51.5949, 69.9708



81.4938, 72.8879, 104.3808



53.7844, 50.7993, 59.4958



12.9531, 12.6327, 15.6931



24.0981, 11.5756, 39.4162



1.4535, 0.6982, 2.3774

Inverse Universe

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



55.7736, 51.5949, 69.9708



81.4938, 72.8879, 104.3808



52.6393, 61.3017, 61.5833



12.9531, 12.6327, 15.6931



24.0981, 11.5756, 39.4162



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 55.7721, 51.5927, 69.9697 looks on a white background.

Color Contrast Check

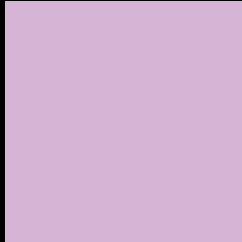
Large Text (above 18pt) WCAG AA × Fail

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 55.7721, 51.5927, 69.9697 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 55.7721, 51.5927, 69.9697

Background



This preview shows how black text looks on a background with the XYZ color 55.7721, 51.5927, 69.9697.



This preview shows how white text looks on a background with the XYZ color 55.7721, 51.5927,

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

55.7721, 51.5927, 69.9697

Protanopia

50.9914, 51.8240, 74.3333

Deuteranopia

52.7858, 51.5935, 69.4638



Tritanopia

53.8755, 51.7471, 59.9720

Trichromacy



Original Color

55.7721, 51.5927, 69.9697

Protanomaly

52.5890, 51.7297, 72.8587

Deuteranomaly

53.7190, 51.4578, 69.3884

Tritanomaly

54.6588, 51.7647, 63.6107

Monochromacy



Original Color

55.7721, 51.5927, 69.9697

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.8276, 53.0297, 62.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7721, 51.5927, 69.9697 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(213, 180, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 180, 213)  
}
```

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(213, 180, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 180, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.7721, 51.5927, 69.9697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

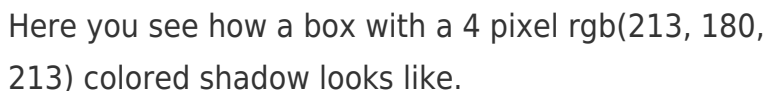
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 180, 213) }
```


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

```
.border{ border-color:rgb(213, 180, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 180, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 180, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 180, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 180,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7721, 51.5927, 69.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 180, 213) }
```

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

```
.background{ background-color: rgb(213,  
180, 213) }
```

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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