

Converting Colors

XYZ(55.1241, 53.1803, 69.6093)

Have a look what the booklet for
XYZ(55.1241, 53.1803, 69.6093)
contains.

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Color

**XYZ(55.1747, 53.1367,
69.6357)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBAD4
RGB	207, 186, 212
RGB Percent	81%, 73%, 83%
CMY	0.1882, 0.2706, 0.1686
CMYK	0.02, 0.12, 0.00, 0.17
HSL	288°, 23%, 78%
HSV	288°, 12%, 83%
XYZ	55.1747, 53.1367, 69.6357
YIQ	195.2430, 4.1700, 12.5380

Conversions

Conversions Part 2

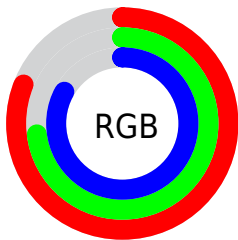
Format	Color
R _Y B	207, 186, 212
Decimal	13613780
CIE Lab	77.96, 12.12, -10.32
CIE LCh	78, 15.916, 319.572
Yxy	53.1367, 0.3101, 0.2986
Android (android.graphics.Color)	4291803860 (0xFFCFBAD4)
YUV	195.2430, 8.2612, 10.3109
Hunter-Lab	72.8949, 7.5418, -5.6126

Details

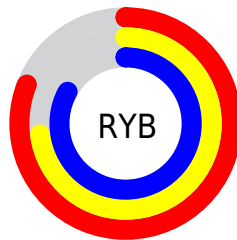
The XYZ color **55.1747, 53.1367, 69.6357** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **53.8942, 61.7099, 55.5277**, and the grayscale version is **51.9685, 54.6749, 59.5410**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **27.6102, 25.9817, 35.4580** is the 20% darker color. If you saturate the color by 10%, you get **49.9117, 44.2793, 68.2042**, and if you desaturate by 10%, it is **61.1329, 63.3391, 71.2917**.

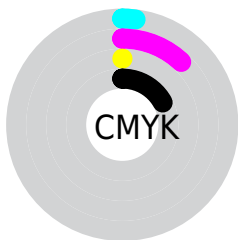
Distribution



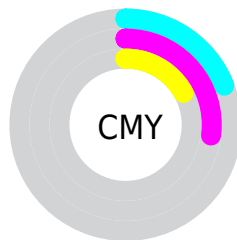
- Red (81%)
- Green (73%)
- Blue (83%)



- Red (81%)
- Yellow (73%)
- Blue (83%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1747, 53.1367, 69.6357 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 55.1747, 53.1367, 69.6357 by changing the saturation by 10% instead.

■ 55.1747, 53.1367,
69.6357

■ 55.1747, 53.1367,
69.6357

396.6995,
398.8094, 478.0244

■ 39.7760, 37.9119,
50.7546

■ 96.9437, 94.8055,
120.3653

■ 27.5474, 25.9143,
35.6380

124.0447,
122.0183, 153.0510

■ 18.1235, 16.7596,
23.8673

155.7772,
153.9959, 191.1752

■ 11.1389, 10.0632,
15.0239

192.5066,
191.1226, 235.1566

■ 6.2283, 5.4409,
8.6894

234.5981,
233.7829, 285.4137

■ 3.0264, 2.5082,
4.4451

282.4172,

■ 1.1677, 0.8807,

282.3613, 342.3650

1.8726

336.3292,
337.2419, 406.4290

■ 0.0807, 0.0000,
0.4752

■ 0.0000, 0.0000,
0.0000

■ 55.1747, 53.1367,
69.6357

■ 55.1747, 53.1367,
69.6357

■ 49.9117, 44.2793,
68.2042

■ 61.1329, 63.3391,
71.2917

■ 45.3099, 36.7017,
66.9841

■ 67.8089, 74.9342,
73.1779

■ 41.3393, 30.3436,
65.9662

■ 75.2305, 87.9759,
75.3041

■ 37.9659, 25.1372,
65.1390

■ 78.1710, 92.0109,
75.9279

■ 35.1523, 21.0078,
64.4903

■ 79.4448, 92.6675,
75.9875

■ 32.8564, 17.8721,
64.0060

■ 80.7491, 93.3399,
76.0486

■ 31.0303, 15.6341,
63.6703

■ 82.0841, 94.0281,
76.1111

■ 29.6163, 14.1790,
63.4640

■ 83.4499, 94.7323,
76.1750

■ 28.7282, 13.4371,
63.3676

■ 84.8469, 95.4524,
76.2404

Harmonies

Analogous

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



52.5260, 53.1367, 75.4588



55.1747, 53.1367, 69.6357



56.5905, 53.1367, 60.9987

Triad

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



55.1747, 53.1367, 69.6357



51.5903, 53.1367, 42.6531



45.0994, 53.1367, 63.7599

Complementary

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



55.1747, 53.1367, 69.6357



53.8942, 61.7099, 55.5277

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.



44.8719, 53.1367, 54.8247



55.1747, 53.1367, 69.6357



48.5362, 53.1367, 43.2300

Square

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



55.1747, 53.1367, 69.6357



54.4657, 53.1367, 45.8217



46.1062, 53.1367, 47.4873



46.7409, 53.1367, 71.8339

Rectangle

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



55.1747, 53.1367, 69.6357



56.6072, 53.1367, 55.0670



46.1062, 53.1367, 47.4873



44.8576, 53.1367, 60.7394

Sweetspot

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



55.1763, 53.1390, 69.6369



91.1639, 93.2937, 107.8104



50.8100, 52.5439, 69.7521



19.3607, 19.7070, 23.0334



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.



55.1763, 53.1390, 69.6369



81.3836, 76.6083, 105.1052



55.6350, 53.4864, 64.6456



12.7081, 12.5064, 15.6817



17.8163, 8.3371, 39.1234



1.1361, 0.5345, 2.3626

Inverse Universe

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



54.1161, 52.8789, 56.6472



79.4574, 76.1445, 81.1061



53.5102, 61.4135, 59.9571



12.5199, 12.4595, 13.4120



17.0345, 8.7501, 2.2196



1.0567, 0.5395, 0.2878

Previews

White Background



This preview shows how the XYZ color 55.1747, 53.1367, 69.6357 looks on a white background.

Color Contrast Check

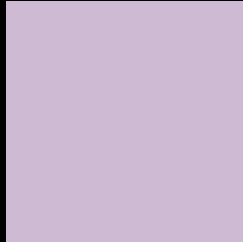
Large Text (above 18pt) WCAG AA × Fail

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 55.1747, 53.1367, 69.6357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

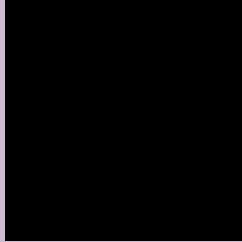
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1747, 53.1367, 69.6357

Background



This preview shows how black text looks on a background with the XYZ color 55.1747, 53.1367, 69.6357.



This preview shows how white text looks on a background with the XYZ color 55.1747, 53.1367,

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

55.1747, 53.1367, 69.6357

Protanopia

52.1317, 53.1150, 71.7946

Deuteranopia

54.4955, 53.4164, 69.7255



Tritanopia

54.0975, 53.3525, 63.3239

Trichromacy



Original Color

55.1747, 53.1367, 69.6357

Protanomaly

53.1001, 52.9860, 71.0470

Deuteranomaly

54.5558, 53.1315, 69.6674

Tritanomaly

54.3645, 53.1187, 65.7801

Monochromacy



Original Color

55.1747, 53.1367, 69.6357

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.9454, 54.0584, 62.9021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1747, 53.1367, 69.6357 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(207, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(207, 186, 212)  
}
```

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(207, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 186, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.1747, 53.1367, 69.6357 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(207, 186, 212) }
```


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

```
.border{ border-color:rgb(207, 186, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(207, 186,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1747, 53.1367, 69.6357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 186, 212) }
```

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

```
.background{ background-color: rgb(207,  
186, 212) }
```

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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