

Converting Colors

XYZ(55.2855, 54.8266, 67.3937)

Have a look what the booklet for
XYZ(55.2855, 54.8266, 67.3937)
contains.

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Color

**XYZ(55.1928, 54.7948,
67.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBFD0
RGB	205, 191, 208
RGB Percent	80%, 75%, 82%
CMY	0.1961, 0.2510, 0.1843
CMYK	0.01, 0.08, 0.00, 0.18
HSL	289°, 15%, 78%
HSV	289°, 8%, 82%
XYZ	55.1928, 54.7948, 67.3420
YIQ	197.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

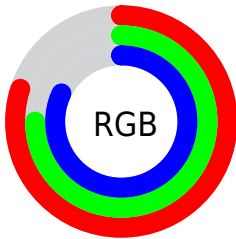
Format	Color
R_{YB}	205, 191, 208
Decimal	13483984
CIE Lab	78.92, 7.99, -6.74
CIE LCh	79, 10.455, 319.855
Yxy	54.7948, 0.3112, 0.3090
Android (android.graphics.Color)	4291674064 (0xFFCDBFD0)
YUV	197.1240, 5.3619, 6.9073
Hunter-Lab	74.0235, 3.5506, -2.1219

Details

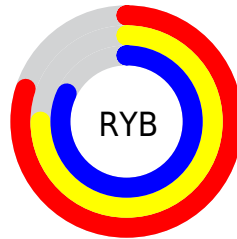
The XYZ color **55.1928, 54.7948, 67.3420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2100, 60.3441, 58.0834**, and the grayscale version is **53.1146, 55.8807, 60.8540**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **27.6837, 27.0894, 34.3415** is the 20% darker color. If you saturate the color by 10%, you get **49.9747, 45.8437, 65.8901**, and if you desaturate by 10%, it is **61.0820, 65.0512, 69.0121**.

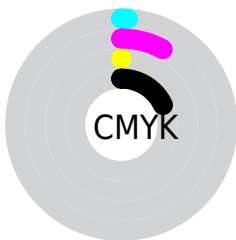
Distribution



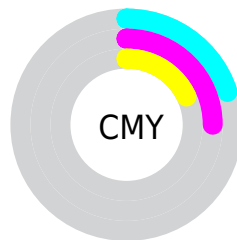
- Red (80%)
- Green (75%)
- Blue (82%)



- Red (80%)
- Yellow (75%)
- Blue (82%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1928, 54.7948, 67.3420 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 55.1928, 54.7948, 67.3420 by changing the saturation by 10% instead.

■ 55.1928, 54.7948,
67.3420

■ 55.1928, 54.7948,
67.3420

396.7669,
405.1336, 469.6958

■ 39.7906, 39.2375,
48.8993

■ 96.9701, 97.2402,
117.0556

■ 27.5588, 26.9445,
34.1745

124.0758,
124.8971, 149.1636

■ 18.1321, 17.5315,
22.7493

155.8134,
157.3560, 186.6637

■ 11.1451, 10.6142,
14.2049

192.5482,
195.0012, 229.9746

■ 6.2325, 5.8080,
8.1230

234.6456,
238.2172, 279.5146

■ 3.0290, 2.7287,
4.0848

282.4710,

■ 1.1691, 0.9918,

287.3883, 335.7025

1.6720

336.3896,
342.8990, 398.9567

■ 0.0818, 0.0000,
0.3414

■ 0.0000, 0.0000,
0.0000

■ 55.1928, 54.7948,
67.3420

■ 55.1928, 54.7948,
67.3420

■ 49.9747, 45.8437,
65.8901

■ 61.0820, 65.0512,
69.0121

■ 45.3958, 38.1367,
64.6438

■ 67.6632, 76.6568,
70.9054

■ 41.4286, 31.6183,
63.5948

■ 74.9620, 89.6620,
73.0309

■ 38.0416, 26.2260,
62.7324

■ 76.5657, 91.2409,
73.2512

■ 35.2007, 21.8913,
62.0455

■ 77.6870, 91.8190,
73.3036

■ 32.8678, 18.5385,
61.5213

■ 78.8329, 92.4097,
73.3573

■ 30.9997, 16.0817,
61.1456

■ 80.0036, 93.0132,
73.4120

■ 29.5459, 14.4198,
60.9014

■ 81.1990, 93.6294,
73.4680

■ 28.4312, 13.4029,
60.7639

■ 82.4195, 94.2586,
73.5251

Harmonies

Analogous

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



53.4487, 54.7948, 71.0760



55.1928, 54.7948, 67.3420



56.1106, 54.7948, 61.6990

Triad

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



55.1928, 54.7948, 67.3420



52.7872, 54.7948, 49.0996



48.4151, 54.7948, 63.6307

Complementary

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



55.1928, 54.7948, 67.3420



54.2100, 60.3441, 58.0834

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.



48.2487, 54.7948, 57.6708



55.1928, 54.7948, 67.3420



50.7365, 54.7948, 49.5408

Square

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



55.1928, 54.7948, 67.3420



54.6975, 54.7948, 51.3415



49.0881, 54.7948, 52.5897



49.5489, 54.7948, 68.8367

Rectangle

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



55.1928, 54.7948, 67.3420



56.1143, 54.7948, 57.7264



49.0881, 54.7948, 52.5897



48.2454, 54.7948, 61.6408

Sweetspot

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



55.1944, 54.7972, 67.3432



93.1141, 96.6188, 108.3494



52.1911, 54.2685, 67.3994



19.9506, 20.7158, 23.1970



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.



55.1944, 54.7972, 67.3432



85.8114, 83.9521, 106.2894



55.3788, 54.9674, 63.9532



12.0976, 11.8991, 14.9028



17.6758, 8.2925, 37.8615



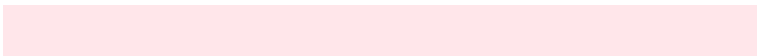
1.0433, 0.4920, 2.1195

Inverse Universe

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



54.3828, 54.5690, 58.7083



84.2493, 83.5163, 89.5223



54.0512, 60.1925, 61.2253



11.8927, 11.8418, 12.7108



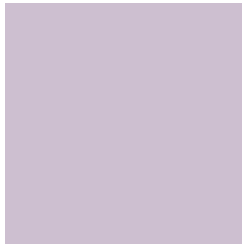
16.4430, 8.4500, 1.9730



0.9459, 0.4831, 0.2502

Previews

White Background



This preview shows how the XYZ color 55.1928, 54.7948, 67.3420 looks on a white background.

Color Contrast Check

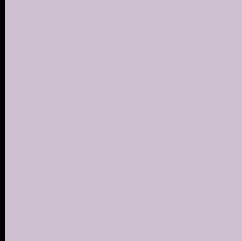
Large Text (above 18pt) WCAG AA × Fail

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 55.1928, 54.7948, 67.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

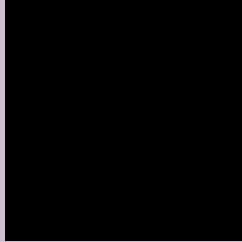
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1928, 54.7948, 67.3420

Background



This preview shows how black text looks on a background with the XYZ color 55.1928, 54.7948, 67.3420.



This preview shows how white text looks on a background with the XYZ color 55.1928, 54.7948,

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

55.1928, 54.7948, 67.3420

Protanopia

53.4303, 54.8388, 68.7416

Deuteranopia

56.0931, 54.9363, 67.3218



Tritanopia

54.9482, 54.6970, 66.0540

Trichromacy



Original Color

55.1928, 54.7948, 67.3420

Protanomaly

54.1318, 54.8855, 68.0625

Deuteranomaly

55.8110, 54.7909, 67.3086

Tritanomaly

55.0701, 54.7457, 66.6960

Monochromacy



Original Color

55.1928, 54.7948, 67.3420

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8771, 55.5266, 63.1364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1928, 54.7948, 67.3420 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(205, 191, 208) looks like.

```
.text, #text, p{  
    color:rgb(205, 191, 208)  
}
```

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(205, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 191, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.1928, 54.7948, 67.3420 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(205, 191, 208) }
```


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

```
.border{ border-color:rgb(205, 191, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 191, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 191, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 191, 208);  
box-shadow:4px 4px 4px 4px rgb(205, 191,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1928, 54.7948, 67.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 191, 208) }
```

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

```
.background{ background-color: rgb(205,  
191, 208) }
```

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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