

Converting Colors

XYZ(53.9360, 54.9342, 73.2359)

Have a look what the booklet for
XYZ(53.9360, 54.9342, 73.2359)
contains.

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Color

**XYZ(54.0643, 55.0627,
73.4243)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C2D9
RGB	194, 194, 217
RGB Percent	76%, 76%, 85%
CMY	0.2392, 0.2392, 0.1490
CMYK	0.11, 0.11, 0.00, 0.15
HSL	240°, 23%, 81%
HSV	240°, 11%, 85%
XYZ	54.0643, 55.0627, 73.4243
YIQ	196.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

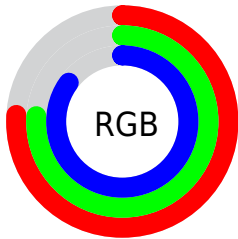
Format	Color
RYB	194, 194, 217
Decimal	12763865
CIELab	79.08, 4.46, -11.46
CIELCh	79, 12.296, 291.286
Yxy	55.0627, 0.2962, 0.3016
Android (android.graphics.Color)	4290953945 (0xFFC2C2D9)
YUV	196.6220, 10.0464, -2.2995
Hunter-Lab	74.2042, 0.1955, -6.7238

Details

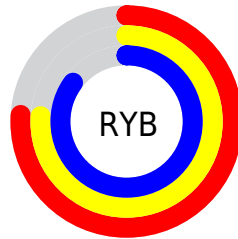
The XYZ color **54.0643, 55.0627, 73.4243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1659, 68.2719, 60.8886**, and the grayscale version is **52.7891, 55.5382, 60.4811**.

A 20% lighter version of the original color is **92.0193, 96.1004, 108.3070**, and **26.7149, 26.9403, 37.9744** is the 20% darker color. If you saturate the color by 10%, you get **44.4151, 43.4368, 71.6897**, and if you desaturate by 10%, it is **65.2350, 68.5226, 75.4344**.

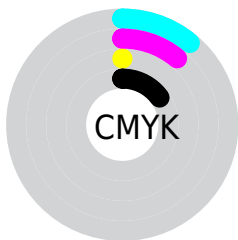
Distribution



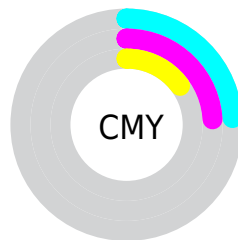
- Red (76%)
- Green (76%)
- Blue (85%)



- Red (76%)
- Yellow (76%)
- Blue (85%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0643, 55.0627, 73.4243 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 54.0643, 55.0627, 73.4243 by changing the saturation by 10% instead.

■ 54.0643, 55.0627,
73.4243

■ 54.0643, 55.0627,
73.4243

392.5495,
406.1496, 491.5942

■ 38.8839, 39.4519,
53.8290

■ 95.3250, 97.6328,
125.8059

■ 26.8498, 27.1115,
38.0728

122.1360,
125.3609, 159.4293

■ 17.5964, 17.6570,
25.7369

153.5547,
157.8970, 198.5658

■ 10.7586, 10.7040,
16.4029

189.9463,
195.6253, 243.6340

■ 5.9708, 5.8682,
9.6523

231.6762,
238.9303, 295.0524

■ 2.8678, 2.7651,
5.0664

279.1098,

■ 1.0843, 1.0104,

288.1965, 353.2395

2.2269

332.6125,
343.8081, 418.6139

■ 0.0119, 0.0000,
0.6898

■ 0.0000, 0.0000,
0.0000

■ 54.0643, 55.0627,
73.4243

■ 54.0643, 55.0627,
73.4243

■ 44.4151, 43.4368,
71.6897

■ 65.2350, 68.5226,
75.4344

■ 36.2171, 33.5589,
70.2152

■ 77.9839, 83.8836,
77.7274

■ 29.4016, 25.3467,
68.9893

■ 89.5245, 97.7898,
79.8034

■ 23.8923, 18.7084,
67.9983

■ 19.6059, 13.5434,
67.2273

■ 16.4492, 9.7397,
66.6595

■ 14.3158, 7.1688,
66.2757

■ 13.0790, 5.6782,
66.0532

■ 12.5248, 5.0104,
65.9535

Harmonies

Analogous

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



51.6250, 55.0627, 74.3031



54.0643, 55.0627, 73.4243



56.0980, 55.0627, 68.7941

Triad

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



54.0643, 55.0627, 73.4243



55.3374, 55.0627, 50.0308



47.8157, 55.0627, 57.9330

Complementary

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



54.0643, 55.0627, 73.4243



63.1659, 68.2719, 60.8886

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.



48.7450, 55.0627, 51.9055



54.0643, 55.0627, 73.4243



53.0524, 55.0627, 47.5824

Square

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



54.0643, 55.0627, 73.4243



56.8488, 55.0627, 55.1883



50.6438, 55.0627, 48.2408



48.0675, 55.0627, 64.9863

Rectangle

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



54.0643, 55.0627, 73.4243



56.9253, 55.0627, 64.3877



50.6438, 55.0627, 48.2408



47.9992, 55.0627, 55.7285

Sweetspot

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



54.0659, 55.0650, 73.4255



89.8995, 93.7942, 107.9736



59.5365, 66.0858, 75.0033



18.9551, 19.7299, 23.0592



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.



54.0659, 55.0650, 73.4255



74.2108, 74.8910, 105.1518



57.0262, 56.5901, 73.5639



12.3389, 12.6175, 16.4372



7.5818, 3.0331, 39.9242



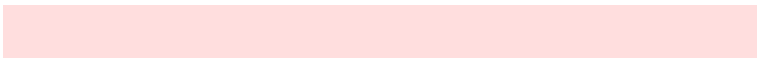
0.4912, 0.1966, 2.5865

Inverse Universe

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



57.6459, 57.2315, 59.0502



80.4867, 78.6890, 79.9512



59.9726, 66.6268, 60.7393



13.0562, 13.0516, 13.5570



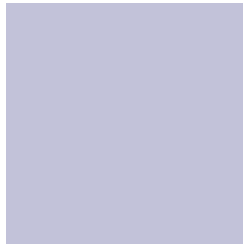
17.3223, 8.9300, 0.8113



1.1222, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 54.0643, 55.0627, 73.4243 looks on a white background.

Color Contrast Check

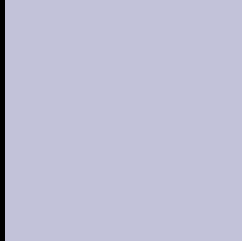
Large Text (above 18pt) WCAG AA × Fail

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 54.0643, 55.0627, 73.4243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

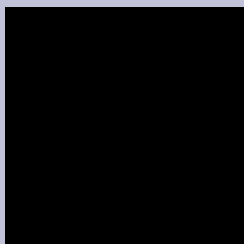
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0643, 55.0627, 73.4243

Background



This preview shows how black text looks on a background with the XYZ color 54.0643, 55.0627, 73.4243.

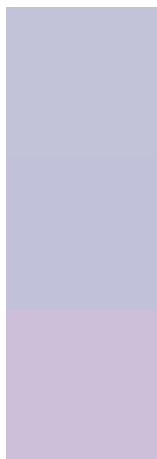


This preview shows how white text looks on a background with the XYZ color 54.0643, 55.0627,

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

54.0643, 55.0627, 73.4243

Protanopia

53.8085, 54.9308, 73.4123

Deuteranopia

56.2452, 54.8680, 73.9558



Tritanopia

53.2653, 55.0708, 69.4504

Trichromacy



Original Color

54.0643, 55.0627, 73.4243

Protanomaly

53.8085, 54.9308, 73.4123

Deuteranomaly

55.3731, 54.7411, 73.9773

Tritanomaly

53.5177, 55.1718, 70.7793

Monochromacy



Original Color

54.0643, 55.0627, 73.4243

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.4040, 55.5753, 65.0391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0643, 55.0627, 73.4243 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(194, 194, 217)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 217)  
}
```

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(194, 194, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.0643, 55.0627, 73.4243 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(194, 194, 217) }
```


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

```
.border{ border-color:rgb(194, 194, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 217);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0643, 55.0627, 73.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 217) }
```

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

```
.background{ background-color: rgb(194,  
194, 217) }
```

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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