

Converting Colors

XYZ(53.0559, 54.6370, 59.9735)

Have a look what the booklet for
XYZ(53.0559, 54.6370, 59.9735)
contains.

XYZ(52.8532, 54.4048, 59.9401)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.8532, 54.4048,
59.9401)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C1C4
RGB	200, 193, 196
RGB Percent	78%, 76%, 77%
CMY	0.2157, 0.2431, 0.2314
CMYK	0.00, 0.03, 0.02, 0.22
HSL	334°, 6%, 77%
HSV	334°, 3%, 78%
XYZ	52.8532, 54.4048, 59.9401
YIQ	195.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

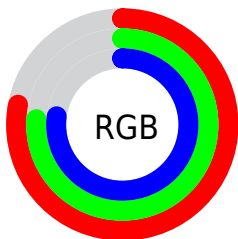
Format	Color
R _Y B	200, 193, 196
Decimal	13156804
CIE Lab	78.70, 2.99, -0.64
CIE LCh	79, 3.054, 347.848
Yxy	54.4048, 0.3161, 0.3254
Android (android.graphics.Color)	4291346884 (0xFFC8C1C4)
YUV	195.4350, 0.2785, 4.0035
Hunter-Lab	73.7596, -1.1733, 3.4502

Details

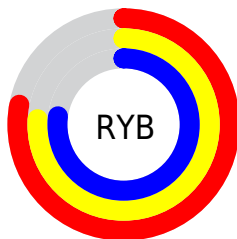
The XYZ color **52.8532, 54.4048, 59.9401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7267, 56.6787, 60.9872**, and the grayscale version is **52.1296, 54.8444, 59.7255**.

A 20% lighter version of the original color is **92.8453, 96.1032, 106.5848**, and **26.1146, 26.8202, 29.3916** is the 20% darker color. If you saturate the color by 10%, you get **47.4756, 45.6530, 51.9696**, and if you desaturate by 10%, it is **58.9310, 64.3968, 68.6348**.

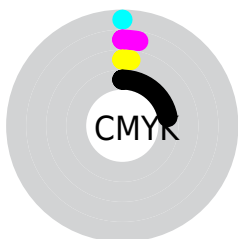
Distribution



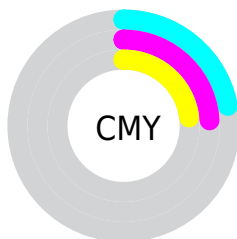
- Red (78%)
- Green (76%)
- Blue (77%)



- Red (78%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8532, 54.4048, 59.9401 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 52.8532, 54.4048, 59.9401 by changing the saturation by 10% instead.

■ 52.8532, 54.4048,
59.9401

■ 52.8532, 54.4048,
59.9401

387.9917,
403.6518, 442.1755

■ 37.9126, 38.9254,
42.9454

■ 93.5551, 96.6683,
106.2853

■ 26.0918, 26.7017,
29.5112

120.0472,
124.2213, 136.4728

■ 17.0253, 17.3493,
19.2190

151.1204,
156.5675, 171.8951

■ 10.3480, 10.4839,
11.6502

187.1401,
194.0914, 212.9705

■ 5.6943, 5.7209,
6.3863

228.4718,
237.1774, 260.1178

■ 2.6990, 2.6761,
3.0088

275.4807,

■ 0.9967, 0.9651,

286.2098, 313.7553

1.0991

328.5322,
341.5732, 374.3017

■ 0.0000, 0.0000,
0.0000

■ 52.8532, 54.4048,
59.9401

■ 52.8532, 54.4048,
59.9401

■ 47.4756, 45.6530,
51.9696

■ 58.9310, 64.3968,
68.6348

■ 42.7675, 38.0858,
44.7001

■ 65.7291, 75.6678,
78.0687

■ 38.7028, 31.6538,
38.1125

■ 73.2722, 88.2636,
88.2611

■ 35.2518, 26.3013,
32.1851

■ 75.5673, 90.1946,
97.2241

■ 32.3824, 21.9681,
26.8952

■ 77.3367, 90.9023,
106.5414

■ 30.0593, 18.5878,
22.2183

■ 77.6298, 91.0195,
108.0847

■ 28.2433, 16.0862,
18.1283

■ 26.8894, 14.3777,
14.5962

■ 25.9438, 13.3595,
11.5894

Harmonies

Analogous

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



52.5755, 54.4048, 61.4966



52.8532, 54.4048, 59.9401



52.8229, 54.4048, 58.2245

Triad

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



52.8532, 54.4048, 59.9401



51.3552, 54.4048, 56.1293



50.9351, 54.4048, 61.7365

Complementary

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



52.8532, 54.4048, 59.9401



52.7267, 56.6787, 60.9872

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.



50.6131, 54.4048, 60.2623



52.8532, 54.4048, 59.9401



50.8543, 54.4048, 57.0345

Square

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



52.8532, 54.4048, 59.9401



51.9549, 54.4048, 56.0468



50.5837, 54.4048, 58.5406



51.4662, 54.4048, 62.5472

Rectangle

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



52.8532, 54.4048, 59.9401



52.6321, 54.4048, 57.2212



50.5837, 54.4048, 58.5406



50.7990, 54.4048, 61.3008

Sweetspot

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



52.8547, 54.4072, 59.9413



94.0080, 98.2902, 107.3992



52.5145, 54.1784, 62.3340



20.1326, 21.0562, 23.0037



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.



52.8547, 54.4072, 59.9413



90.9572, 93.2940, 102.9741



52.6202, 54.4786, 58.1969



11.3796, 11.6244, 12.8575



16.2476, 8.2486, 6.5135



0.8054, 0.4050, 0.4986

Inverse Universe

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



52.8547, 54.4072, 59.9413



90.9572, 93.2940, 102.9741



52.9657, 56.6017, 62.7780



11.3796, 11.6244, 12.8575



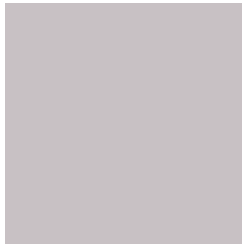
16.2476, 8.2486, 6.5135



0.8054, 0.4050, 0.4986

Previews

White Background



This preview shows how the XYZ color 52.8532, 54.4048, 59.9401 looks on a white background.

Color Contrast Check

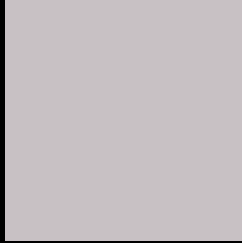
Large Text (above 18pt) WCAG AA × Fail

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 52.8532, 54.4048, 59.9401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

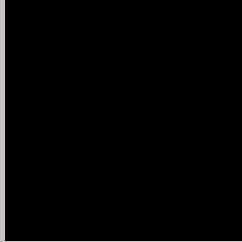
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

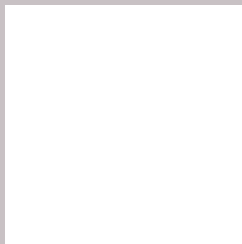
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8532, 54.4048, 59.9401

Background



This preview shows how black text looks on a background with the XYZ color 52.8532, 54.4048, 59.9401.

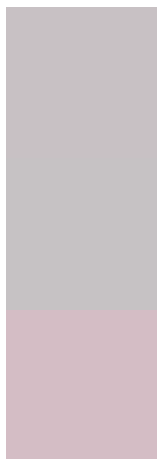


This preview shows how white text looks on a background with the XYZ color 52.8532, 54.4048,

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

52.8532, 54.4048, 59.9401

Protanopia

52.5443, 54.5749, 59.9892

Deuteranopia

55.4270, 54.4235, 60.4068



Tritanopia

54.1285, 54.2744, 66.0156

Trichromacy



Original Color

52.8532, 54.4048, 59.9401

Protanomaly

52.8088, 54.7112, 60.0016

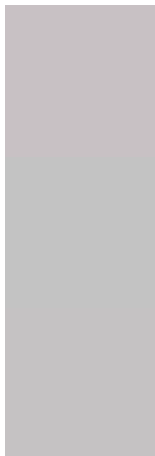
Deuteranomaly

54.5039, 54.2680, 60.4254

Tritanomaly

53.5977, 54.3810, 63.5488

Monochromacy



Original Color

52.8532, 54.4048, 59.9401

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1681, 54.3940, 59.3793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8532, 54.4048, 59.9401 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(200, 193, 196) looks like.

```
.text, #text, p{  
    color:rgb(200, 193, 196)  
}
```

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(200, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 193, 196) }
```

Border

The CSS property to change the border of an element to XYZ 52.8532, 54.4048, 59.9401 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(200, 193, 196) }
```


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

```
.border{ border-color:rgb(200, 193, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(200, 193,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8532, 54.4048, 59.9401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 193, 196) }
```

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

```
.background{ background-color: rgb(200,  
193, 196) }
```

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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