

Converting Colors

XYZ(52.5204, 54.3844, 60.0056)

Have a look what the booklet for
XYZ(52.5204, 54.3844, 60.0056)
contains.

XYZ(52.3225, 54.1312, 59.9152)	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(52.3225, 54.1312,
59.9152)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C1C4
RGB	198, 193, 196
RGB Percent	78%, 76%, 77%
CMY	0.2235, 0.2431, 0.2314
CMYK	0.00, 0.03, 0.01, 0.22
HSL	324°, 4%, 77%
HSV	324°, 3%, 78%
XYZ	52.3225, 54.1312, 59.9152
YIQ	194.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

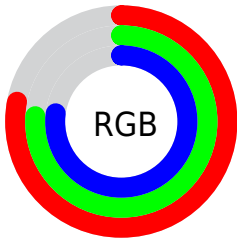
Format	Color
RYB	198, 193, 196
Decimal	13025732
CIELab	78.54, 2.29, -0.89
CIElCh	79, 2.459, 338.670
Yxy	54.1312, 0.3145, 0.3254
Android (android.graphics.Color)	4291215812 (0xFFC6C1C4)
YUV	194.8370, 0.5734, 2.7740
Hunter-Lab	73.5739, -1.8131, 3.2187

Details

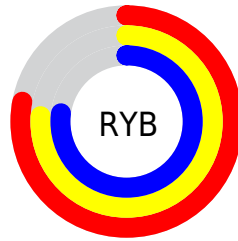
The XYZ color **52.3225, 54.1312, 59.9152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0388, 55.6673, 59.6347**, and the grayscale version is **51.7719, 54.4681, 59.3157**.

A 20% lighter version of the original color is **92.8453, 96.1032, 106.5848**, and **25.7622, 26.6385, 29.3751** is the 20% darker color. If you saturate the color by 10%, you get **47.3572, 45.6057, 53.9265**, and if you desaturate by 10%, it is **57.9246, 63.8525, 66.3527**.

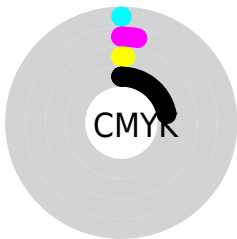
Distribution



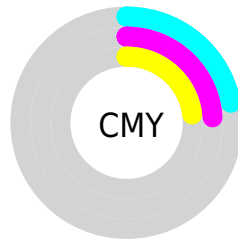
- Red (78%)
- Green (76%)
- Blue (77%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3225, 54.1312, 59.9152 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 52.3225, 54.1312, 59.9152 by changing the saturation by 10% instead.

■ 52.3225, 54.1312,
59.9152

■ 52.3225, 54.1312,
59.9152

385.9839,
402.6101, 442.0811

■ 37.4875, 38.7066,
42.9254

■ 92.7781, 96.2669,
106.2488

■ 25.7606, 26.5315,
29.4956

119.1294,
123.7467, 136.4297

■ 16.7763, 17.2217,
19.2073

150.0502,
156.0137, 171.8448

■ 10.1695, 10.3927,
11.6418

185.9059,
193.4522, 212.9126

■ 5.5746, 5.6601,
6.3807

227.0617,
236.4468, 260.0515

■ 2.6264, 2.6395,
3.0054

273.8831,

■ 0.9594, 0.9466,

285.3817, 313.6802

1.0974

326.7354,
340.6413, 374.2172

■ 0.0000, 0.0000,
0.0000

■ 52.3225, 54.1312,
59.9152

■ 52.3225, 54.1312,
59.9152

■ 47.3572, 45.6057,
53.9265

■ 57.9246, 63.8525,
66.3527

■ 43.0001, 38.2224,
48.3714

■ 64.1814, 74.8064,
73.2464

■ 39.2275, 31.9341,
43.2390

■ 71.1158, 87.0371,
80.6081

■ 36.0121, 26.6876,
38.5165

■ 73.0117, 89.1110,
86.5358

■ 33.3245, 22.4250,
34.1902

■ 74.1357, 89.5606,
92.4550

■ 31.1322, 19.0831,
30.2453

■ 75.3108, 90.0307,
98.6432

■ 29.3993, 16.5909,
26.6657

■ 76.5377, 90.5214,
105.1038

■ 28.0842, 14.8671,
23.4334

■ 77.0991, 90.7460,
108.0599

■ 27.1377, 13.8143,
20.5276

Harmonies

Analogous

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



52.0342, 54.1312, 61.0468



52.3225, 54.1312, 59.9152



52.3763, 54.1312, 58.5385

Triad

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



52.3225, 54.1312, 59.9152



51.3098, 54.1312, 56.3420



50.7264, 54.1312, 60.6220

Complementary

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



52.3225, 54.1312, 59.9152



52.0388, 55.6673, 59.6347

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.



50.5349, 54.1312, 59.3427



52.3225, 54.1312, 59.9152



50.8703, 54.1312, 56.8816

Square

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



52.3225, 54.1312, 59.9152



51.7896, 54.1312, 56.4899



50.5874, 54.1312, 57.9748



51.1121, 54.1312, 61.4593

Rectangle

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



52.3225, 54.1312, 59.9152



52.2716, 54.1312, 57.6693



50.5874, 54.1312, 57.9748



50.6373, 54.1312, 60.2286

Sweetspot

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



52.3240, 54.1335, 59.9164



94.0780, 98.3182, 107.7674



51.7708, 53.8218, 61.0870



20.1468, 21.0619, 23.0786



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.



52.3240, 54.1335, 59.9164



92.1687, 95.0201, 105.5267



52.0421, 54.0208, 58.4317



11.5276, 11.8269, 13.1953



17.3439, 8.6871, 12.2865



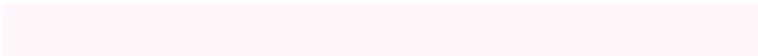
0.8563, 0.4254, 0.7665

Inverse Universe

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



52.3240, 54.1335, 59.9164



92.1687, 95.0201, 105.5267



52.3236, 55.7812, 61.1344



11.5276, 11.8269, 13.1953



17.3439, 8.6871, 12.2865



0.8563, 0.4254, 0.7665

Previews

White Background



This preview shows how the XYZ color 52.3225, 54.1312, 59.9152 looks on a white background.

Color Contrast Check

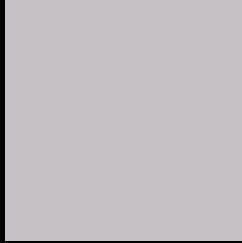
Large Text (above 18pt) WCAG AA × Fail

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 52.3225, 54.1312, 59.9152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

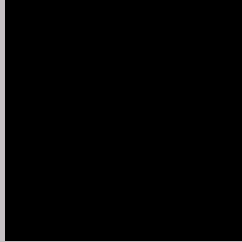
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

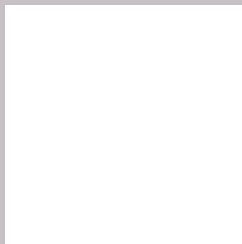
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3225, 54.1312, 59.9152

Background



This preview shows how black text looks on a background with the XYZ color 52.3225, 54.1312, 59.9152.

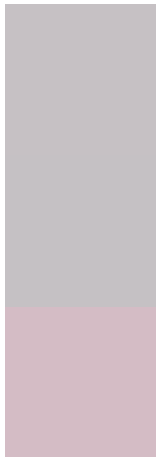


This preview shows how white text looks on a background with the XYZ color 52.3225, 54.1312, 59.9152.

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

52.3225, 54.1312, 59.9152

Protanopia

52.0597, 53.9958, 59.9029

Deuteranopia

55.2126, 53.9947, 60.3353



Tritanopia

53.5908, 53.9972, 65.9905

Trichromacy



Original Color

52.3225, 54.1312, 59.9152

Protanomaly

52.0597, 53.9958, 59.9029

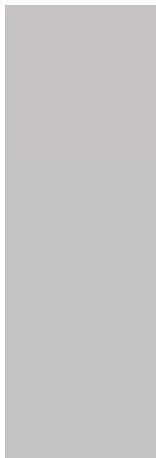
Deuteranomaly

54.2236, 54.1235, 60.4123

Tritanomaly

53.0635, 54.1057, 63.5238

Monochromacy



Original Color

52.3225, 54.1312, 59.9152

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9071, 54.2595, 59.3671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3225, 54.1312, 59.9152 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(198, 193, 196) looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 196) }
```

Border

The CSS property to change the border of an element to XYZ 52.3225, 54.1312, 59.9152 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(198, 193, 196) }
```


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

```
.border{ border-color:rgb(198, 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(198, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(198, 193,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3225, 54.1312, 59.9152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 196) }
```

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

```
.background{ background-color: rgb(198,  
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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