

Converting Colors

XYZ(52.3743, 53.9345, 54.0677)

Have a look what the booklet for
XYZ(52.3743, 53.9345, 54.0677)
contains.

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Color

**XYZ(52.3412, 53.9410,
54.1073)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC0BA
RGB	203, 192, 186
RGB Percent	80%, 75%, 73%
CMY	0.2039, 0.2470, 0.2706
CMYK	0.00, 0.05, 0.08, 0.20
HSL	21°, 14%, 76%
HSV	21°, 8%, 80%
XYZ	52.3412, 53.9410, 54.1073
YIQ	194.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

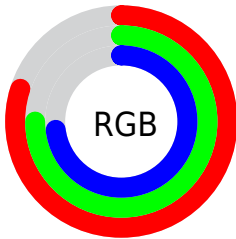
Format	Color
RYB	203, 195, 186
Decimal	13353146
CIELab	78.43, 2.82, 4.39
CIElCh	78, 5.217, 57.319
Yxy	53.9410, 0.3263, 0.3363
Android (android.graphics.Color)	4291543226 (0xFFCBC0BA)
YUV	194.6050, -4.2423, 7.3624
Hunter-Lab	73.4445, -1.3176, 7.7317

Details

The XYZ color **52.3412, 53.9410, 54.1073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9953, 54.6824, 64.3676**, and the grayscale version is **51.6590, 54.3493, 59.1864**.

A 20% lighter version of the original color is **90.8344, 94.8056, 97.5162**, and **25.8607, 26.5483, 25.9516** is the 20% darker color. If you saturate the color by 10%, you get **47.5793, 47.6287, 42.6184**, and if you desaturate by 10%, it is **57.6700, 60.8952, 67.2991**.

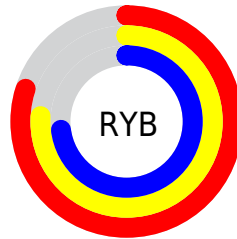
Distribution



Red (80%)

Green (75%)

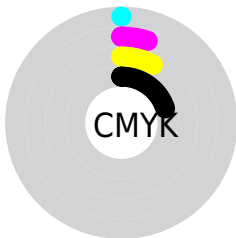
Blue (73%)



Red (80%)

Yellow (76%)

Blue (73%)

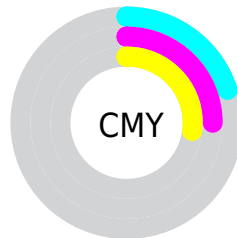


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3412, 53.9410, 54.1073 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 52.3412, 53.9410, 54.1073 by changing the saturation by 10% instead.

■ 52.3412, 53.9410,
54.1073

■ 52.3412, 53.9410,
54.1073

386.0548,
401.8850, 419.7052

■ 37.5025, 38.5545,
38.2937

■ 92.8055, 95.9876,
97.6898

■ 25.7722, 26.4133,
25.9071

119.1618,
123.4165, 126.2957

■ 16.7851, 17.1331,
16.5290

150.0880,
155.6283, 160.0028

■ 10.1758, 10.3294,
9.7409

185.9494,
193.0074, 199.2297

■ 5.5788, 5.6179,
5.1241

227.1114,
235.9383, 244.3948

■ 2.6289, 2.6142,
2.2603

273.9394,

■ 0.9607, 0.9338,

284.8052, 295.9168

0.7088

326.7988,
339.9927, 354.2140

■ 0.0000, 0.0000,
0.0000

■ 52.3412, 53.9410,
54.1073

■ 52.3412, 53.9410,
54.1073

■ 47.5793, 47.6287,
42.6184

■ 57.6700, 60.8952,
67.2991

■ 43.3603, 41.9326,
32.7590

■ 63.5797, 68.5020,
82.2562

■ 39.6649, 36.8357,
24.4553

■ 70.0895, 76.7806,
99.0421

■ 36.4710, 32.3175,
17.6267

■ 75.1888, 84.9365,
107.0392

■ 33.7546, 28.3562,
12.1849

■ 78.4389, 91.4367,
108.1226

■ 31.4897, 24.9285,
8.0325

■ 29.6474, 22.0092,
5.0587

■ 28.1945, 19.5706,
3.1340

■ 27.0843, 17.5784,
2.0603

Harmonies

Analogous

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



53.0409, 53.9410, 56.1792



52.3412, 53.9410, 54.1073



51.3616, 53.9410, 53.2712

Triad

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



52.3412, 53.9410, 54.1073



49.3251, 53.9410, 58.4689



52.1794, 53.9410, 63.8931

Complementary

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



52.3412, 53.9410, 54.1073



50.9953, 54.6824, 64.3676

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.



51.1771, 53.9410, 64.5550



52.3412, 53.9410, 54.1073



49.5376, 53.9410, 61.3621

Square

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



52.3412, 53.9410, 54.1073



49.6278, 53.9410, 55.7363



50.2121, 53.9410, 63.6142



52.9466, 53.9410, 61.8343

Rectangle

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



52.3412, 53.9410, 54.1073



50.6846, 53.9410, 53.5056



50.2121, 53.9410, 63.6142



51.8584, 53.9410, 64.2893

Sweetspot

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



52.3427, 53.9434, 54.1085



92.2843, 96.4004, 102.0224



52.2720, 51.8486, 60.1068



19.5976, 20.4314, 21.4533



0.0000, 0.0000, 0.0000



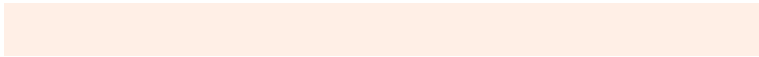
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.3427, 53.9434, 54.1085



86.1748, 88.3891, 87.0142



54.2509, 57.7597, 54.7445



11.5311, 11.8511, 11.7592



17.2138, 11.1605, 1.2469



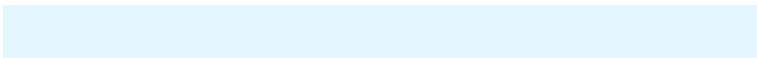
0.9591, 0.7179, 0.0880

Inverse Universe

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



50.9953, 54.6824, 64.3676



83.4769, 89.8685, 107.5544



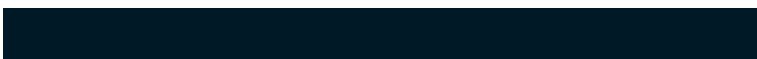
49.1309, 50.9535, 63.7461



11.1969, 12.0343, 14.3031



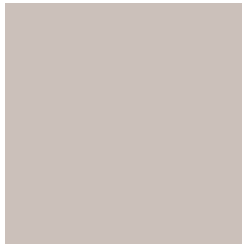
12.1400, 13.3039, 37.8843



0.6960, 0.8258, 1.9777

Previews

White Background



This preview shows how the XYZ color 52.3412, 53.9410, 54.1073 looks on a white background.

Color Contrast Check

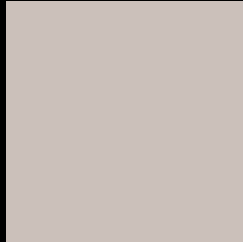
Large Text (above 18pt) WCAG AA × Fail

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 52.3412, 53.9410, 54.1073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

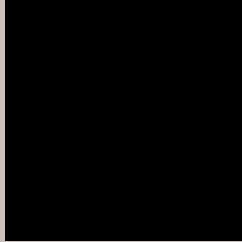
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3412, 53.9410, 54.1073

Background



This preview shows how black text looks on a background with the XYZ color 52.3412, 53.9410, 54.1073.



This preview shows how white text looks on a background with the XYZ color 52.3412, 53.9410,

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

52.3412, 53.9410, 54.1073

Protanopia

51.5928, 53.8699, 54.6924

Deuteranopia

54.9772, 54.0014, 54.5394



Tritanopia

54.5503, 53.8766, 64.6509

Trichromacy



Original Color

52.3412, 53.9410, 54.1073

Protanomaly

51.8590, 54.0071, 54.7049

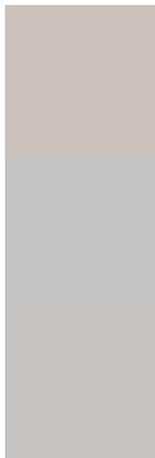
Deuteranomaly

54.0312, 53.8319, 54.5566

Tritanomaly

53.6683, 53.8373, 60.3863

Monochromacy



Original Color

52.3412, 53.9410, 54.1073

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0949, 54.3951, 57.6228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3412, 53.9410, 54.1073 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(203, 192, 186)` looks like.

```
.text, #text, p{  
    color:rgb(203, 192, 186)  
}
```

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(203, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 192, 186) }
```

Border

The CSS property to change the border of an element to XYZ 52.3412, 53.9410, 54.1073 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(203, 192, 186) }
```


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

```
.border{ border-color:rgb(203, 192, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 192, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 192, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 192,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3412, 53.9410, 54.1073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 192, 186) }
```

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

```
.background{ background-color: rgb(203,  
192, 186) }
```

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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