

Converting Colors

XYZ(52.4068, 54.2542, 45.9630)

Have a look what the booklet for
XYZ(52.4068, 54.2542, 45.9630)
contains.

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Color

**XYZ(52.3998, 54.1569,
45.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C0AA
RGB	209, 192, 170
RGB Percent	82%, 75%, 67%
CMY	0.1804, 0.2470, 0.3333
CMYK	0.00, 0.08, 0.19, 0.18
HSL	34°, 30%, 74%
HSV	34°, 19%, 82%
XYZ	52.3998, 54.1569, 45.7218
YIQ	194.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

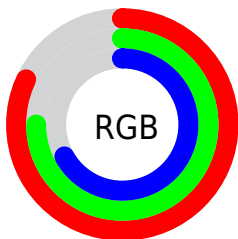
Format	Color
R_{YB}	200, 209, 170
Decimal	13746346
CIE Lab	78.55, 2.43, 13.26
CIE LCh	79, 13.476, 79.622
Yxy	54.1569, 0.3441, 0.3556
Android (android.graphics.Color)	4291936426 (0xFFD1C0AA)
YUV	194.5750, -12.1155, 12.6507
Hunter-Lab	73.5914, -1.6862, 14.6775

Details

The XYZ color **52.3998, 54.1569, 45.7218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8562, 48.6889, 67.3028**, and the grayscale version is **51.6828, 54.3743, 59.2136**.

A 20% lighter version of the original color is **88.3980, 93.8310, 84.6863**, and **25.8291, 26.6433, 20.9209** is the 20% darker color. If you saturate the color by 10%, you get **48.6399, 49.5532, 35.4774**, and if you desaturate by 10%, it is **56.6008, 59.1387, 57.6652**.

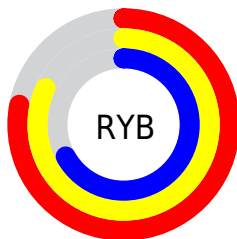
Distribution



Red (82%)

Green (75%)

Blue (67%)



Red (78%)

Yellow (82%)

Blue (67%)

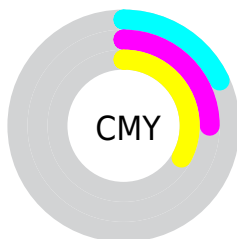


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (18%)



Cyan (18%)

Magenta (25%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3998, 54.1569, 45.7218 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 52.3998, 54.1569, 45.7218 by changing the saturation by 10% instead.

■ 52.3998, 54.1569,
45.7218

■ 52.3998, 54.1569,
45.7218

386.2768,
402.7080, 385.9341

■ 37.5494, 38.7271,
31.6793

■ 92.8913, 96.3046,
85.1324

■ 25.8088, 26.5475,
20.8538

119.2632,
123.7913, 111.3375

■ 16.8126, 17.2337,
12.8270

150.2062,
156.0657, 142.4339

■ 10.1954, 10.4012,
7.1802

186.0858,
193.5123, 178.8402

■ 5.5920, 5.6658,
3.4949

227.2673,
236.5154, 220.9748

■ 2.6369, 2.6429,
1.3526

274.1161,

■ 0.9648, 0.9483,

285.4595, 269.2562

0.1043

326.9974,
340.7289, 324.1032

■ 0.0000, 0.0000,
0.0000

■ 52.3998, 54.1569,
45.7218

■ 52.3998, 54.1569,
45.7218

■ 48.6399, 49.5532,
35.4774

■ 56.6008, 59.1387,
57.6652

■ 45.2996, 45.3101,
26.8499

■ 61.2545, 64.5013,
71.3778

■ 42.3621, 41.4189,
19.7551

■ 66.3774, 70.2564,
86.9299

■ 39.8076, 37.8679,
14.1003

■ 71.9840, 76.4131,
104.3871

■ 37.6142, 34.6446,
9.7821

■ 74.7867, 81.6596,
106.4279

■ 35.7573, 31.7351,
6.6834

■ 77.4992, 87.0846,
107.3321

■ 34.2082, 29.1238,
4.6664

■ 80.1046, 92.2954,
108.2006

■ 32.9237, 26.7891,
3.5160

■ 32.7638, 26.4938,
3.3870

Harmonies

Analogous

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



54.8536, 54.1569, 48.5149



52.3998, 54.1569, 45.7218



49.7789, 54.1569, 46.2385

Triad

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



52.3998, 54.1569, 45.7218



46.8133, 54.1569, 64.0157



55.4629, 54.1569, 68.9572

Complementary

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



52.3998, 54.1569, 45.7218



45.8562, 48.6889, 67.3028

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.



53.2082, 54.1569, 73.8417



52.3998, 54.1569, 45.7218



48.2371, 54.1569, 70.8233

Square

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



52.3998, 54.1569, 45.7218



46.6137, 54.1569, 56.3724



50.5602, 54.1569, 74.5525



56.6620, 54.1569, 61.6413

Rectangle

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



52.3998, 54.1569, 45.7218



48.2866, 54.1569, 48.4060



50.5602, 54.1569, 74.5525



54.7998, 54.1569, 70.9636

Sweetspot

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



52.4013, 54.1593, 45.7229



90.5934, 94.8729, 95.7421



49.6984, 45.9169, 53.5670



19.2903, 20.1901, 20.1996



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.



52.4013, 54.1593, 45.7229



79.9880, 82.2806, 65.6379



55.8026, 61.7761, 47.0139



12.3542, 12.8991, 12.4507



20.3008, 16.5346, 2.1215



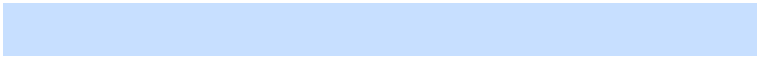
1.2133, 1.0809, 0.1447

Inverse Universe

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



45.8562, 48.6889, 67.3028



68.0573, 72.3096, 104.9779



42.8863, 42.1187, 66.1912



11.5814, 12.2531, 14.9983



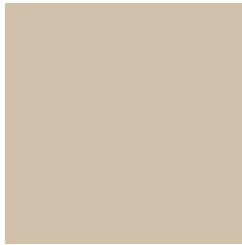
9.5010, 7.6485, 38.1681



0.6095, 0.5842, 2.1602

Previews

White Background



This preview shows how the XYZ color 52.3998, 54.1569, 45.7218 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 52.3998, 54.1569, 45.7218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

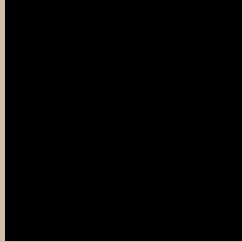
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

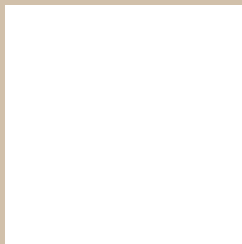
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3998, 54.1569, 45.7218

Background



This preview shows how black text looks on a background with the XYZ color 52.3998, 54.1569, 45.7218.



This preview shows how white text looks on a background with the XYZ color 52.3998, 54.1569,

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

52.3998, 54.1569, 45.7218

Protanopia

51.2711, 54.2204, 46.2914

Deuteranopia

55.2452, 54.0105, 46.0414



Tritanopia

55.8716, 53.9510, 63.3460

Trichromacy



Original Color

52.3998, 54.1569, 45.7218

Protanomaly

51.5975, 54.0593, 46.2431

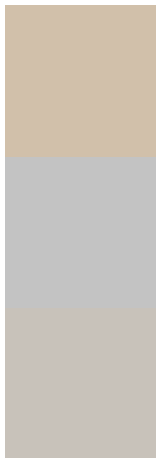
Deuteranomaly

54.1636, 54.0872, 46.1132

Tritanomaly

54.6432, 54.1099, 56.2795

Monochromacy



Original Color

52.3998, 54.1569, 45.7218

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9741, 54.4081, 54.2169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3998, 54.1569, 45.7218 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(209, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(209, 192, 170)  
}
```

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(209, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 170) }
```

Border

The CSS property to change the border of an element to XYZ 52.3998, 54.1569, 45.7218 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(209, 192, 170) }
```


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

```
.border{ border-color:rgb(209, 192, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 192, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(209, 192,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3998, 54.1569, 45.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 192, 170) }
```

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

```
.background{ background-color: rgb(209,  
192, 170) }
```

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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