

Converting Colors

XYZ(52.1275, 54.2719, 54.2674)

Have a look what the booklet for
XYZ(52.1275, 54.2719, 54.2674)
contains.

XYZ(52.0203, 54.1026, 54.1555)	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(52.0203, 54.1026,
54.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C1BA
RGB	201, 193, 186
RGB Percent	79%, 76%, 73%
CMY	0.2118, 0.2431, 0.2706
CMYK	0.00, 0.04, 0.07, 0.21
HSL	28°, 12%, 76%
HSV	28°, 7%, 79%
XYZ	52.0203, 54.1026, 54.1555
YIQ	194.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

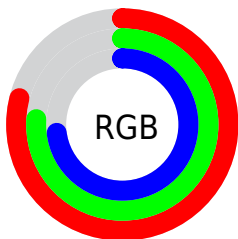
Format	Color
R_{YB}	201, 199, 186
Decimal	13222330
CIE Lab	78.52, 1.57, 4.51
CIE LCh	79, 4.773, 70.774
Yxy	54.1026, 0.3246, 0.3376
Android (android.graphics.Color)	4291412410 (0xFFC9C1BA)
YUV	194.5940, -4.2368, 5.6181
Hunter-Lab	73.5545, -2.4789, 7.8350

Details

The XYZ color **52.0203, 54.1026, 54.1555** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0841, 53.2389, 62.8954**, and the grayscale version is **51.6530, 54.3430, 59.1795**.

A 20% lighter version of the original color is **91.1427, 95.4222, 97.6190**, and **25.6443, 26.6527, 25.9832** is the 20% darker color. If you saturate the color by 10%, you get **47.7489, 48.7418, 42.9205**, and if you desaturate by 10%, it is **56.7670, 59.9316, 67.0333**.

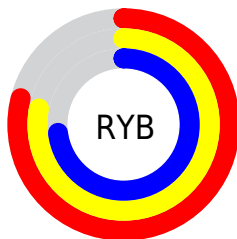
Distribution



Red (79%)

Green (76%)

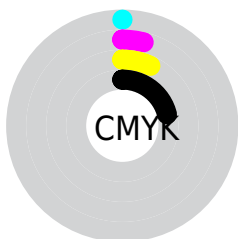
Blue (73%)



Red (79%)

Yellow (78%)

Blue (73%)

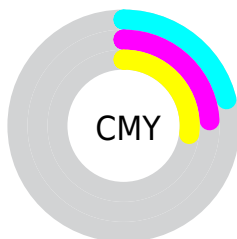


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0203, 54.1026, 54.1555 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 52.0203, 54.1026, 54.1555 by changing the saturation by 10% instead.

■ 52.0203, 54.1026,
54.1555

■ 52.0203, 54.1026,
54.1555

384.8376,
402.5011, 419.8941

■ 37.2456, 38.6837,
38.3320

■ 92.3352, 96.2249,
97.7612

■ 25.5722, 26.5138,
25.9366

118.6062,
123.6970, 126.3805

■ 16.6349, 17.2084,
16.5509

149.4399,
155.9557, 160.1021

■ 10.0682, 10.3832,
9.7562

185.2017,
193.3854, 199.3446

■ 5.5068, 5.6537,
5.1342

226.2571,
236.3703, 244.5265

■ 2.5854, 2.6357,
2.2661

272.9713,

■ 0.9385, 0.9446,

285.2950, 296.0664

0.7121

325.7097,
340.5438, 354.3827

■ 0.0000, 0.0000,
0.0000

■ 52.0203, 54.1026,
54.1555

■ 52.0203, 54.1026,
54.1555

■ 47.7489, 48.7418,
42.9205

■ 56.7670, 59.9316,
67.0333

■ 43.9322, 43.8301,
33.2577

■ 61.9998, 66.2336,
81.6133

■ 40.5546, 39.3568,
25.0969

■ 67.7346, 73.0220,
97.9565

■ 37.5978, 35.3086,
18.3608

■ 72.0946, 79.5514,
106.1629

■ 35.0421, 31.6711,
12.9653

■ 75.2705, 85.9034,
107.2216

■ 32.8660, 28.4290,
8.8172

■ 77.8977, 91.1577,
108.0973

■ 31.0453, 25.5658,
5.8115

■ 29.5525, 23.0631,
3.8251

■ 28.3504, 20.8985,
2.6860

Harmonies

Analogous

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



52.8036, 54.1026, 55.5927



52.0203, 54.1026, 54.1555



51.0858, 54.1026, 53.9690

Triad

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



52.0203, 54.1026, 54.1555



49.6679, 54.1026, 59.8813



52.6122, 54.1026, 62.9156

Complementary

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



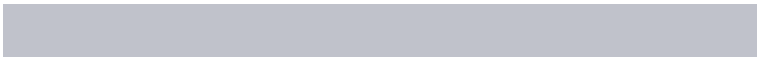
52.0203, 54.1026, 54.1555



50.0841, 53.2389, 62.8954

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.



51.7615, 54.1026, 64.1406



52.0203, 54.1026, 54.1555



50.0664, 54.1026, 62.3536

Square

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



52.0203, 54.1026, 54.1555



49.7353, 54.1026, 57.2206



50.8301, 54.1026, 63.9318



53.1482, 54.1026, 60.6294

Rectangle

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



52.0203, 54.1026, 54.1555



50.5038, 54.1026, 54.5726



50.8301, 54.1026, 63.9318



52.3531, 54.1026, 63.4682

Sweetspot

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



52.0218, 54.1050, 54.1567



93.3784, 97.9534, 104.3456



51.3846, 51.4312, 58.2586



20.0044, 20.9876, 22.3820



0.0000, 0.0000, 0.0000



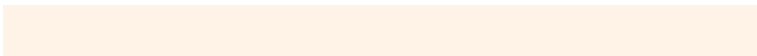
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0218, 54.1050, 54.1567



87.7930, 91.0499, 89.3284



53.7213, 57.5039, 54.7232



11.0353, 11.4397, 11.1892



17.7434, 13.0040, 1.5748



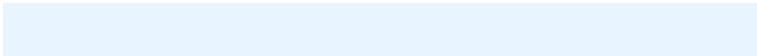
0.9125, 0.7604, 0.0987

Inverse Universe

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



50.0841, 53.2389, 62.8954



83.7813, 89.2569, 107.4203



48.4575, 49.9859, 62.3532



10.5170, 11.2080, 13.5266



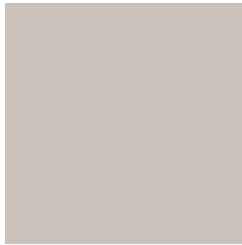
10.0371, 9.4681, 36.0429



0.5473, 0.5924, 1.7306

Previews

White Background



This preview shows how the XYZ color 52.0203, 54.1026, 54.1555 looks on a white background.

Color Contrast Check

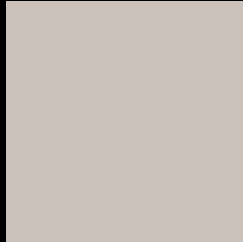
Large Text (above 18pt) WCAG AA × Fail

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 52.0203, 54.1026, 54.1555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

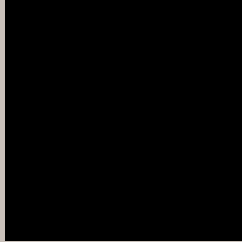
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0203, 54.1026, 54.1555

Background



This preview shows how black text looks on a background with the XYZ color 52.0203, 54.1026, 54.1555.

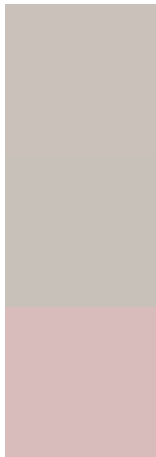


This preview shows how white text looks on a background with the XYZ color 52.0203, 54.1026,

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

52.0203, 54.1026, 54.1555

Protanopia

51.7523, 53.9645, 54.1429

Deuteranopia

55.2718, 54.1532, 54.5532



Tritanopia

54.3347, 54.0721, 65.3308

Trichromacy



Original Color

52.0203, 54.1026, 54.1555

Protanomaly

51.7523, 53.9645, 54.1429

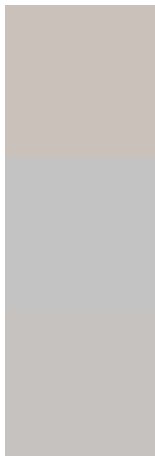
Deuteranomaly

54.2471, 54.2637, 54.6285

Tritanomaly

53.4524, 54.0353, 61.0387

Monochromacy



Original Color

52.0203, 54.1026, 54.1555

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.8322, 54.2597, 57.6105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0203, 54.1026, 54.1555 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(201, 193, 186) looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 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(201, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 186) }
```

Border

The CSS property to change the border of an element to XYZ 52.0203, 54.1026, 54.1555 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(201, 193, 186) }
```


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

```
.border{ border-color:rgb(201, 193, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 186);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0203, 54.1026, 54.1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 186) }
```

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

```
.background{ background-color: rgb(201,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor