

Converting Colors

XYZ(52.2720, 54.4559, 53.8066)

Have a look what the booklet for
XYZ(52.2720, 54.4559, 53.8066)
contains.

XYZ(52.4059, 54.6429, 53.6840)	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(52.4059, 54.6429,
53.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC2B9
RGB	202, 194, 185
RGB Percent	79%, 76%, 73%
CMY	0.2078, 0.2392, 0.2745
CMYK	0.00, 0.04, 0.08, 0.21
HSL	32°, 14%, 76%
HSV	32°, 8%, 79%
XYZ	52.4059, 54.6429, 53.6840
YIQ	195.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

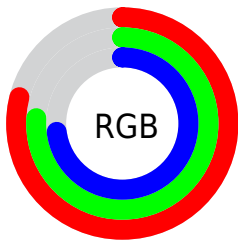
Format	Color
R _Y B	200, 202, 185
Decimal	13288121
CIE Lab	78.84, 1.23, 5.51
CIE LCh	79, 5.644, 77.433
Yxy	54.6429, 0.3260, 0.3400
Android (android.graphics.Color)	4291478201 (0xFFCAC2B9)
YUV	195.3660, -5.1104, 5.8180
Hunter-Lab	73.9208, -2.8146, 8.6860

Details

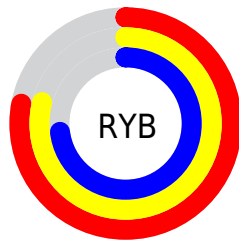
The XYZ color **52.4059, 54.6429, 53.6840** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7382, 52.7177, 63.4319**, and the grayscale version is **52.1176, 54.8318, 59.7118**.

A 20% lighter version of the original color is **91.3028, 95.9821, 96.9333**, and **25.7557, 26.7180, 25.6294** is the 20% darker color. If you saturate the color by 10%, you get **48.3761, 49.7565, 42.5568**, and if you desaturate by 10%, it is **56.8770, 59.9258, 66.4544**.

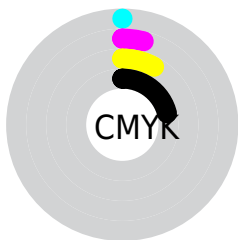
Distribution



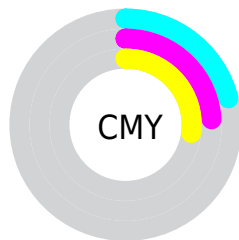
- Red (79%)
- Green (76%)
- Blue (73%)



- Red (78%)
- Yellow (79%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4059, 54.6429, 53.6840 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 52.4059, 54.6429, 53.6840 by changing the saturation by 10% instead.

■ 52.4059, 54.6429,
53.6840

■ 52.4059, 54.6429,
53.6840

386.2999,
404.5569, 418.0444

■ 37.5543, 39.1159,
37.9576

■ 92.9003, 97.0176,
97.0618

■ 25.8126, 26.8499,
25.6482

119.2737,
124.6340, 125.5504

■ 16.8154, 17.4605,
16.3373

150.2185,
157.0490, 159.1300

■ 10.1975, 10.5634,
9.6062

186.1000,
194.6470, 198.2194

■ 5.5934, 5.7741,
5.0365

227.2835,
237.8124, 243.2370

■ 2.6377, 2.7082,
2.2096

274.1344,

■ 0.9652, 0.9814,

286.9296, 294.6013

0.6799

327.0181,
342.3829, 352.7309

■ 0.0000, 0.0000,
0.0000

■ 52.4059, 54.6429,
53.6840

■ 52.4059, 54.6429,
53.6840

■ 48.3761, 49.7565,
42.5568

■ 56.8770, 59.9258,
66.4544

■ 44.7678, 45.2492,
33.0016

■ 61.7993, 65.6076,
80.9282

■ 41.5664, 41.1130,
24.9469

■ 67.1879, 71.7000,
97.1670

■ 38.7545, 37.3365,
18.3144

■ 71.2674, 77.4966,
105.8099

■ 36.3132, 33.9079,
13.0186

■ 74.0150, 82.9918,
106.7258

■ 34.2221, 30.8144,
8.9649

■ 76.9094, 88.7806,
107.6906

■ 32.4577, 28.0419,
6.0456

■ 78.1674, 91.2967,
108.1099

■ 30.9935, 25.5749,
4.1347

■ 29.7893, 23.3923,
3.0370

Harmonies

Analogous

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



53.4052, 54.6429, 55.0739



52.4059, 54.6429, 53.6840



51.2946, 54.6429, 53.8105

Triad

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



52.4059, 54.6429, 53.6840



49.9110, 54.6429, 61.3617



53.5369, 54.6429, 63.7623

Complementary

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



52.4059, 54.6429, 53.6840



49.7382, 52.7177, 63.4319

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.



52.5836, 54.6429, 65.5703



52.4059, 54.6429, 53.6840



50.4948, 54.6429, 64.1504

Square

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



52.4059, 54.6429, 53.6840



49.8650, 54.6429, 58.1664



51.4698, 54.6429, 65.7148



54.0645, 54.6429, 60.8474

Rectangle

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



52.4059, 54.6429, 53.6840



50.6398, 54.6429, 54.7377



51.4698, 54.6429, 65.7148



53.2550, 54.6429, 64.5242

Sweetspot

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



52.4074, 54.6453, 53.6852



92.7053, 97.2426, 102.1627



51.3567, 51.1152, 57.7391



19.7112, 20.6584, 21.4912



0.0000, 0.0000, 0.0000



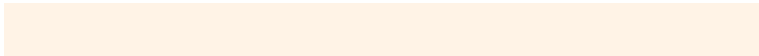
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4074, 54.6453, 53.6852



87.5050, 91.0495, 87.4576



54.1588, 58.2617, 54.2909



11.6959, 12.1808, 11.8141



19.1456, 15.0241, 1.8909



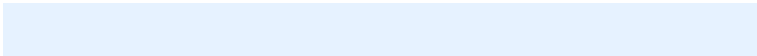
1.0633, 0.9263, 0.1228

Inverse Universe

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



49.7382, 52.7177, 63.4319



82.1248, 87.1643, 107.1037



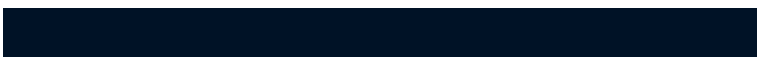
48.0864, 49.3126, 62.8617



11.0296, 11.6996, 14.2473



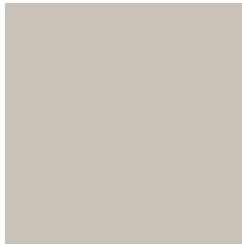
9.5820, 8.1879, 37.0317



0.5701, 0.5739, 1.9357

Previews

White Background



This preview shows how the XYZ color 52.4059, 54.6429, 53.6840 looks on a white background.

Color Contrast Check

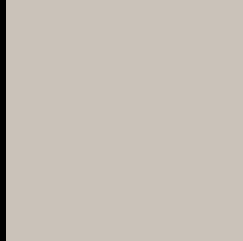
Large Text (above 18pt) WCAG AA × Fail

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 52.4059, 54.6429, 53.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

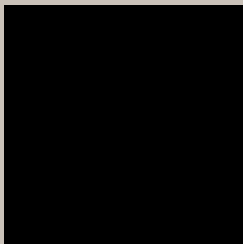
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

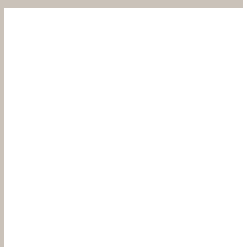
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4059, 54.6429, 53.6840

Background



This preview shows how black text looks on a background with the XYZ color 52.4059, 54.6429, 53.6840.

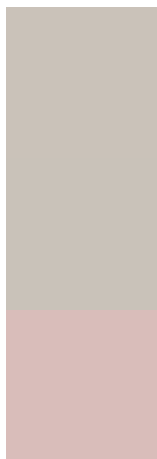


This preview shows how white text looks on a background with the XYZ color 52.4059, 54.6429, 53.6840.

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

52.4059, 54.6429, 53.6840

Protanopia

52.1361, 54.5039, 53.6714

Deuteranopia

55.6758, 54.6921, 54.0766



Tritanopia

54.9482, 54.6970, 66.0540

Trichromacy



Original Color

52.4059, 54.6429, 53.6840

Protanomaly

52.1361, 54.5039, 53.6714

Deuteranomaly

54.6451, 54.8038, 54.1525

Tritanomaly

53.9445, 54.6139, 61.1244

Monochromacy



Original Color

52.4059, 54.6429, 53.6840

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.2078, 54.7976, 57.1156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4059, 54.6429, 53.6840 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(202, 194, 185) looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 185)  
}
```

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(202, 194, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 185) }
```

Border

The CSS property to change the border of an element to XYZ 52.4059, 54.6429, 53.6840 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(202, 194, 185) }
```


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

```
.border{ border-color:rgb(202, 194, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 194, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 185);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4059, 54.6429, 53.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 185) }
```

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

```
.background{ background-color: rgb(202,  
194, 185) }
```

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