

Converting Colors

XYZ(52.8323, 54.5787, 54.0042)

Have a look what the booklet for
XYZ(52.8323, 54.5787, 54.0042)
contains.

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Color

**XYZ(52.8347, 54.5225,
54.1936)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC1BA
RGB	204, 193, 186
RGB Percent	80%, 76%, 73%
CMY	0.2000, 0.2431, 0.2706
CMYK	0.00, 0.05, 0.09, 0.20
HSL	23°, 15%, 76%
HSV	23°, 9%, 80%
XYZ	52.8347, 54.5225, 54.1936
YIQ	195.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

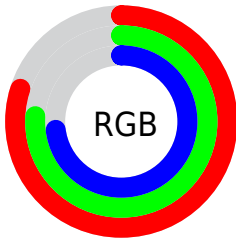
Format	Color
RYB	204, 197, 186
Decimal	13418938
CIELab	78.77, 2.64, 4.89
CIELCh	79, 5.559, 61.603
Yxy	54.5225, 0.3270, 0.3375
Android (android.graphics.Color)	4291609018 (0xFFCCC1BA)
YUV	195.4910, -4.6791, 7.4624
Hunter-Lab	73.8394, -1.4957, 8.1723

Details

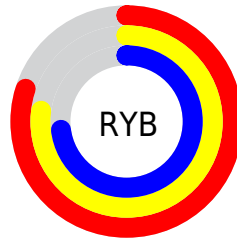
The XYZ color **52.8347, 54.5225, 54.1936** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1148, 54.7301, 64.9971**, and the grayscale version is **52.1894, 54.9073, 59.7940**.

A 20% lighter version of the original color is **91.1427, 95.4222, 97.6190**, and **26.1894, 26.9337, 26.0087** is the 20% darker color. If you saturate the color by 10%, you get **48.1795, 48.4382, 42.6951**, and if you desaturate by 10%, it is **58.0348, 61.1998, 67.4026**.

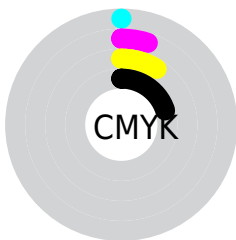
Distribution



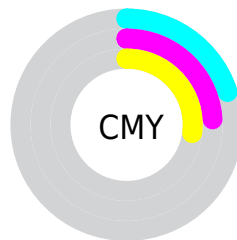
- Red (80%)
- Green (76%)
- Blue (73%)



- Red (80%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8347, 54.5225, 54.1936 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 52.8347, 54.5225, 54.1936 by changing the saturation by 10% instead.

■ 52.8347, 54.5225,
54.1936

■ 52.8347, 54.5225,
54.1936

387.9219,
404.0993, 420.0433

■ 37.8978, 39.0195,
38.3622

■ 93.5280, 96.8410,
97.8177

■ 26.0802, 26.7749,
25.9599

120.0152,
124.4253, 126.4475

■ 17.0167, 17.4043,
16.5682

151.0831,
156.8056, 160.1806

■ 10.3417, 10.5231,
9.7684

187.0972,
194.3661, 199.4354

■ 5.6901, 5.7472,
5.1421

228.4227,
237.4914, 244.6306

■ 2.6964, 2.6920,
2.2707

275.4251,

■ 0.9953, 0.9731,

286.5657, 296.1846

0.7147

328.4697,
341.9736, 354.5160

■ 0.0000, 0.0000,
0.0000

■ 52.8347, 54.5225,
54.1936

■ 52.8347, 54.5225,
54.1936

■ 48.1795, 48.4382,
42.6951

■ 58.0348, 61.1998,
67.4026

■ 44.0459, 42.9231,
32.8330

■ 63.7929, 68.4789,
82.3850

■ 40.4155, 37.9621,
24.5328

■ 70.1277, 76.3773,
99.2051

■ 37.2671, 33.5370,
17.7129

■ 74.9590, 84.0713,
106.8844

■ 34.5776, 29.6281,
12.2841

■ 78.7120, 91.5775,
108.1354

■ 32.3219, 26.2146,
8.1475

■ 30.4721, 23.2740,
5.1911

■ 28.9961, 20.7813,
3.2831

■ 27.8461, 18.7046,
2.2116

Harmonies

Analogous

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



53.6449, 54.5225, 56.2468



52.8347, 54.5225, 54.1936



51.7628, 54.5225, 53.5126

Triad

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



52.8347, 54.5225, 54.1936



49.7358, 54.5225, 59.5354



52.9386, 54.5225, 64.6773

Complementary

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



52.8347, 54.5225, 54.1936



51.1148, 54.7301, 64.9971

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.



51.8812, 54.5225, 65.6308



52.8347, 54.5225, 54.1936



50.0409, 54.5225, 62.5978

Square

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



52.8347, 54.5225, 54.1936



49.9831, 54.5225, 56.5305



50.8223, 54.5225, 64.8569



53.7055, 54.5225, 62.2942

Rectangle

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



52.8347, 54.5225, 54.1936



51.0470, 54.5225, 53.9085



50.8223, 54.5225, 64.8569



52.6048, 54.5225, 65.1793

Sweetspot

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



52.8362, 54.5249, 54.1948



92.3698, 96.5715, 102.0509



52.5509, 51.9917, 60.1497



19.6207, 20.4774, 21.4610



0.0000, 0.0000, 0.0000



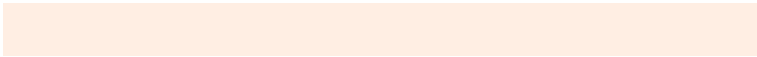
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8362, 54.5249, 54.1948



85.6333, 87.8735, 85.0848



54.8624, 58.5772, 54.8702



11.5643, 11.9176, 11.7703



17.5349, 11.8028, 1.3540



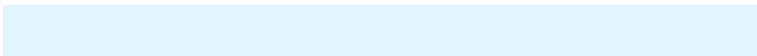
0.9778, 0.7552, 0.0942

Inverse Universe

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



51.1148, 54.7301, 64.9971



82.0892, 88.2956, 107.3239



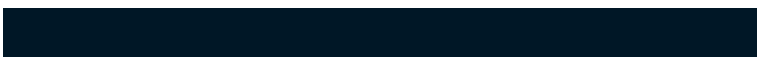
49.1541, 50.8087, 64.3436



11.1625, 11.9655, 14.2916



11.5385, 12.1010, 37.6839



0.6676, 0.7690, 1.9682

Previews

White Background



This preview shows how the XYZ color 52.8347, 54.5225, 54.1936 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 52.8347, 54.5225, 54.1936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

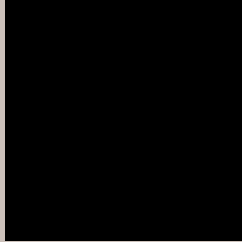
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8347, 54.5225, 54.1936

Background



This preview shows how black text looks on a background with the XYZ color 52.8347, 54.5225, 54.1936.

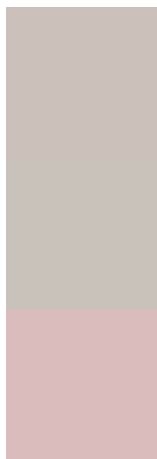


This preview shows how white text looks on a background with the XYZ color 52.8347, 54.5225,

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

52.8347, 54.5225, 54.1936

Protanopia

52.0808, 54.4508, 54.7788

Deuteranopia

55.5681, 54.3060, 54.5671



Tritanopia

55.1650, 54.5001, 65.3697

Trichromacy



Original Color

52.8347, 54.5225, 54.1936

Protanomaly

52.3488, 54.5889, 54.7913

Deuteranomaly

54.5345, 54.4118, 54.6420

Tritanomaly

54.2774, 54.4606, 61.0773

Monochromacy



Original Color

52.8347, 54.5225, 54.1936

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 52.8347, 54.5225, 54.1936 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(204, 193, 186) looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 186) }
```

Border

The CSS property to change the border of an element to XYZ 52.8347, 54.5225, 54.1936 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(204, 193, 186) }
```


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

```
.border{ border-color:rgb(204, 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(204, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 186);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8347, 54.5225, 54.1936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 186) }
```

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

```
.background{ background-color: rgb(204,  
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](#).

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