

Converting Colors

XYZ(50.8939, 55.1087, 32.8623)

Have a look what the booklet for
XYZ(50.8939, 55.1087, 32.8623)
contains.

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Color

**XYZ(50.7680, 54.9286,
32.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C48C
RGB	209, 196, 140
RGB Percent	82%, 77%, 55%
CMY	0.1804, 0.2314, 0.4510
CMYK	0.00, 0.06, 0.33, 0.18
HSL	49°, 43%, 68%
HSV	49°, 33%, 82%
XYZ	50.7680, 54.9286, 32.7375
YIQ	193.5030, 25.7240, -14.6600

Conversions

Conversions Part 2

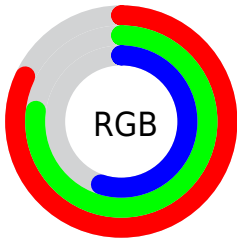
Format	Color
RYB	156, 209, 140
Decimal	13747340
CIELab	79.00, -3.80, 29.81
CIELCh	79, 30.049, 97.265
Yxy	54.9286, 0.3667, 0.3968
Android (android.graphics.Color)	4291937420 (0xFFD1C48C)
YUV	193.5030, -26.3770, 13.5909
Hunter-Lab	74.1138, -7.4266, 25.6902

Details

The XYZ color **50.7680, 54.9286, 32.7375** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7148, 32.9604, 64.9066**, and the grayscale version is **51.1258, 53.7884, 58.5755**.

A 20% lighter version of the original color is **86.1029, 95.4056, 64.9160**, and **24.8026, 26.9373, 13.3434** is the 20% darker color. If you saturate the color by 10%, you get **48.4952, 52.6194, 25.0855**, and if you desaturate by 10%, it is **53.3596, 57.4065, 41.9411**.

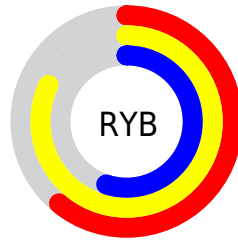
Distribution



Red (82%)

Green (77%)

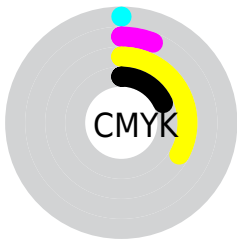
Blue (55%)



Red (61%)

Yellow (82%)

Blue (55%)

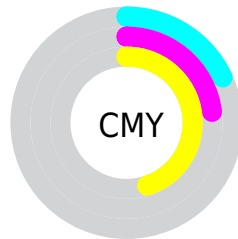


Cyan (0%)

Magenta (6%)

Yellow (33%)

Black (18%)



Cyan (18%)


Magenta (23%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7680, 54.9286, 32.7375 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 50.7680, 54.9286, 32.7375 by changing the saturation by 10% instead.


 50.7680, 54.9286,
32.7375

 50.7680, 54.9286,
32.7375


380.0643,
405.6412, 329.0609


 36.2443, 39.3446,
21.6560


 90.4968, 97.4363,
65.0768

 24.7939, 27.0279,
13.4084


 116.4326,
125.1288, 87.1716

 16.0515, 17.5942,
7.5764

 146.9031,
157.6262, 113.7745

 9.6517, 10.6590,
3.7412

182.2737,
195.3130, 145.3042

 5.2291, 5.8380,
1.4845

222.9098,
238.5735, 182.1792

 2.4184, 2.7468,
0.2063

269.1767,

 0.8543, 1.0010,

287.7921, 224.8179

0.0000

321.4397,
343.3532, 273.6390

■ 0.0000, 0.0000,
0.0000

■ 50.7680, 54.9286,
32.7375

■ 50.7680, 54.9286,
32.7375

■ 48.4952, 52.6194,
25.0855

■ 53.3596, 57.4065,
41.9411

■ 46.5203, 50.4643,
18.8941

■ 56.2813, 60.0521,
52.7736

■ 44.8262, 48.4583,
14.0680

■ 59.5490, 62.8739,
65.3112

■ 43.3921, 46.5927,
10.4994

■ 63.1761, 65.8776,
79.6242

■ 42.1944, 44.8578,
8.0640

■ 67.1755, 69.0685,
95.7791

■ 41.2045, 43.2419,
6.6120

■ 69.8386, 71.7636,
104.7786

■ 40.6015, 42.1694,
5.9996

■ 70.8816, 73.8495,
105.1263

■ 71.9490, 75.9843,
105.4821

■ 73.0410, 78.1684,
105.8461

Harmonies

Analogous

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



56.7770, 54.9286, 34.2962



50.7680, 54.9286, 32.7375



45.5533, 54.9286, 37.2502

Triad

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



50.7680, 54.9286, 32.7375



43.5848, 54.9286, 82.0348



63.5420, 54.9286, 73.4523

Complementary

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



50.7680, 54.9286, 32.7375



33.7148, 32.9604, 64.9066

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.



59.4811, 54.9286, 90.0150



50.7680, 54.9286, 32.7375



47.8909, 54.9286, 95.5932

Square

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



50.7680, 54.9286, 32.7375



41.6166, 54.9286, 64.0677



53.6749, 54.9286, 98.7626



64.4592, 54.9286, 55.7412

Rectangle

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



50.7680, 54.9286, 32.7375



43.1244, 54.9286, 43.7157



53.6749, 54.9286, 98.7626



62.4851, 54.9286, 79.4318

Sweetspot

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



50.7694, 54.9311, 32.7386



89.6998, 95.4392, 88.1892



41.4891, 34.6385, 34.9845



19.0483, 20.2957, 18.3012



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.



50.7694, 54.9311, 32.7386



76.9248, 83.4301, 42.1862



48.3474, 58.2240, 33.5019



12.6063, 13.4033, 12.5347



25.1018, 26.1367, 3.7219



1.4536, 1.5615, 0.2248

Inverse Universe

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



33.7148, 32.9604, 64.9066



45.9794, 43.5773, 100.5956



35.5248, 30.9063, 64.4147



11.3413, 11.7728, 14.9183



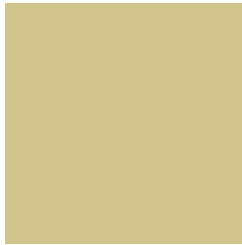
7.6042, 3.8551, 37.5358



0.4802, 0.3255, 2.1171

Previews

White Background



This preview shows how the XYZ color 50.7680, 54.9286, 32.7375 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 50.7680, 54.9286, 32.7375 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 50.7680, 54.9286, 32.7375

Background



This preview shows how black text looks on a background with the XYZ color 50.7680, 54.9286, 32.7375.



This preview shows how white text looks on a background with the XYZ color 50.7680, 54.9286,

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

50.7680, 54.9286, 32.7375

Protanopia

51.1127, 54.7725, 32.6892

Deuteranopia

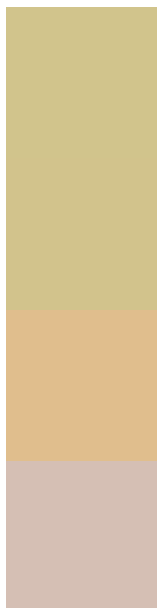
55.9315, 54.6494, 33.1917



Tritanopia

57.0816, 54.8772, 64.0837

Trichromacy



Original Color

50.7680, 54.9286, 32.7375

Protanomaly

50.8271, 54.6253, 32.6758

Deuteranomaly

53.9616, 54.5973, 32.8935

Tritanomaly

54.3096, 54.7030, 50.8763

Monochromacy



Original Color

50.7680, 54.9286, 32.7375

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7083, 54.2283, 47.8389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7680, 54.9286, 32.7375 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, 196, 140)` looks like.

```
.text, #text, p{  
    color:rgb(209, 196, 140)  
}
```

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, 196, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 196, 140) }
```

Border

The CSS property to change the border of an element to XYZ 50.7680, 54.9286, 32.7375 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, 196, 140) }
```


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

```
.border{ border-color:rgb(209, 196, 140) }
```

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

Here you see how a box with a 4 pixel rgb(209, 196, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 196, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 196, 140);  
box-shadow:4px 4px 4px 4px rgb(209, 196,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7680, 54.9286, 32.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 196, 140) }
```

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

```
.background{ background-color: rgb(209,  
196, 140) }
```

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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