

Converting Colors

XYZ(50.2215, 50.7277, 32.2932)

Have a look what the booklet for
XYZ(50.2215, 50.7277, 32.2932)
contains.

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Color

**XYZ(50.2671, 50.8030,
32.3559)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B88D
RGB	216, 184, 141
RGB Percent	85%, 72%, 55%
CMY	0.1529, 0.2784, 0.4471
CMYK	0.00, 0.15, 0.35, 0.15
HSL	34°, 49%, 70%
HSV	34°, 35%, 85%
XYZ	50.2671, 50.8030, 32.3559
YIQ	188.6660, 32.8750, -6.5890

Conversions

Conversions Part 2

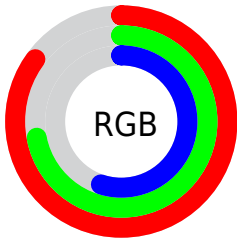
Format	Color
RYB	197, 216, 141
Decimal	14203021
CIELab	76.56, 5.38, 26.12
CIELCh	77, 26.671, 78.360
Yxy	50.8030, 0.3767, 0.3808
Android (android.graphics.Color)	4292393101 (0xFFD8B88D)
YUV	188.6660, -23.4993, 23.9719
Hunter-Lab	71.2762, 1.1526, 22.9786

Details

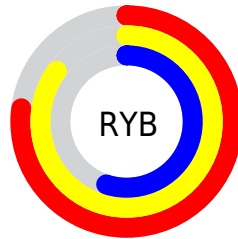
The XYZ color **50.2671, 50.8030, 32.3559** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.3223, 40.5064, 70.7645**, and the grayscale version is **48.2969, 50.8120, 55.3343**.

A 20% lighter version of the original color is **82.2504, 87.5203, 64.1878**, and **24.4590, 24.4444, 13.1020** is the 20% darker color. If you saturate the color by 10%, you get **46.9622, 46.5191, 24.0834**, and if you desaturate by 10%, it is **54.0128, 55.4664, 42.3228**.

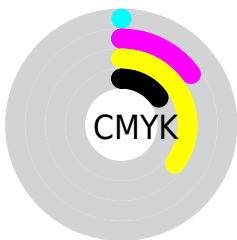
Distribution



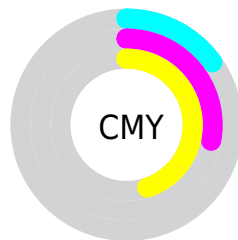
- Red (85%)
- Green (72%)
- Blue (55%)



- Red (77%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2671, 50.8030, 32.3559 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 50.2671, 50.8030, 32.3559 by changing the saturation by 10% instead.


 50.2671, 50.8030,
32.3559

 50.2671, 50.8030,
32.3559


378.1443,
389.7979, 327.2799


 35.8443, 36.0519,
21.3664


 89.7600, 91.3635,
64.4730

 24.4836, 24.4742,
13.1983


 115.5608,
117.9417, 86.4377

 15.8194, 15.6858,
7.4329


 145.8850,
149.2309, 112.8978

 9.4865, 9.3021,
3.6517

181.0979,
185.6157, 144.2720

 5.1195, 4.9387,
1.4363

221.5650,
227.4804, 180.9788

 2.3530, 2.2114,
0.1698

267.6515,

 0.8216, 0.7262,

275.2094, 223.4367

0.0000

319.7228,
329.1871, 272.0642

■ 0.0000, 0.0000,
0.0000

■ 50.2671, 50.8030,
32.3559

■ 50.2671, 50.8030,
32.3559

■ 46.9622, 46.5191,
24.0834

■ 54.0128, 55.4664,
42.3228

■ 44.0735, 42.5957,
17.4051

■ 58.2145, 60.5135,
54.0704

■ 41.5797, 39.0221,
12.2148


■ 62.8913, 65.9574,
67.6826

■ 39.4556, 35.7842,
8.3921


■ 68.0601, 71.8083,
83.2373

■ 37.6722, 32.8663,
5.7973


■ 73.7367, 78.0760,
100.8077

 36.1948, 30.2503,
4.2602

 77.3213, 83.7238,
106.6928

 35.5083, 28.9776,
3.7218

 80.0927, 89.2664,
107.6166

 82.1289, 93.3389,
108.2953

Harmonies

Analogous

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



55.0113, 50.8030, 37.0702



50.2671, 50.8030, 32.3559



45.3002, 50.8030, 32.9479

Triad

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



50.2671, 50.8030, 32.3559



39.6665, 50.8030, 64.5195



55.8914, 50.8030, 75.8659

Complementary

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



50.2671, 50.8030, 32.3559



38.3223, 40.5064, 70.7645

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.



51.4017, 50.8030, 86.0342



50.2671, 50.8030, 32.3559



42.1338, 50.8030, 78.7389

Square

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



50.2671, 50.8030, 32.3559



39.4094, 50.8030, 49.9066



46.3591, 50.8030, 87.1685



58.4061, 50.8030, 61.1025

Rectangle

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



50.2671, 50.8030, 32.3559



42.5228, 50.8030, 36.2941



46.3591, 50.8030, 87.1685



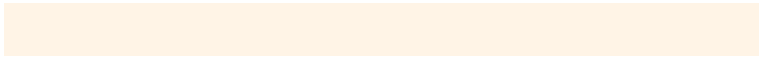
54.5493, 50.8030, 80.0374

Sweetspot

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



50.2684, 50.8054, 32.3569



87.8401, 91.7197, 87.5693



45.4354, 36.6857, 44.4761



18.5969, 19.3930, 18.1507



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.



50.2684, 50.8054, 32.3569



69.4542, 69.1486, 37.6619



56.2277, 64.8838, 34.7603



13.0085, 13.5912, 13.0985



21.1263, 17.3699, 2.2392



1.3556, 1.2103, 0.1622

Inverse Universe

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



38.3223, 40.5064, 70.7645



49.4451, 51.9075, 102.0209



33.7741, 30.1193, 68.9993



12.1738, 12.8710, 15.7802



9.7114, 7.6845, 39.4246



0.6669, 0.6258, 2.4049

Previews

White Background



This preview shows how the XYZ color 50.2671, 50.8030, 32.3559 looks on a white background.

Color Contrast Check

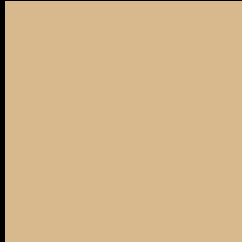
Large Text (above 18pt) WCAG AA × Fail

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 50.2671, 50.8030, 32.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

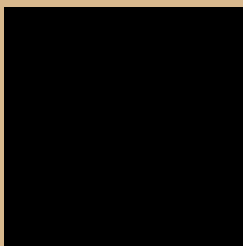
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2671, 50.8030, 32.3559

Background



This preview shows how black text looks on a background with the XYZ color 50.2671, 50.8030, 32.3559.



This preview shows how white text looks on a background with the XYZ color 50.2671, 50.8030,

32.3559.

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

50.2671, 50.8030, 32.3559

Protanopia

47.5126, 50.9349, 33.3138

Deuteranopia

51.8378, 50.6887, 32.6429



Tritanopia

54.9449, 50.5780, 56.1568

Trichromacy



Original Color

50.2671, 50.8030, 32.3559

Protanomaly

48.3849, 50.7590, 32.8385

Deuteranomaly

51.1256, 50.6245, 32.6681

Tritanomaly

53.0775, 50.7197, 46.5276

Monochromacy



Original Color

50.2671, 50.8030, 32.3559

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.7699, 50.6613, 46.2379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2671, 50.8030, 32.3559 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(216, 184, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 184, 141)  
}
```

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(216, 184, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 184, 141) }
```

Border

The CSS property to change the border of an element to XYZ 50.2671, 50.8030, 32.3559 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(216, 184, 141) }
```


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

```
.border{ border-color:rgb(216, 184, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 184, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 184, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 184, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 184,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2671, 50.8030, 32.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 184, 141) }
```

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

```
.background{ background-color: rgb(216,  
184, 141) }
```

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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