

Converting Colors

XYZ(50.8183, 50.0411, 33.3113)

Have a look what the booklet for
XYZ(50.8183, 50.0411, 33.3113)
contains.

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Color

**XYZ(50.7713, 50.1214,
33.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB590
RGB	219, 181, 144
RGB Percent	86%, 71%, 56%
CMY	0.1412, 0.2902, 0.4353
CMYK	0.00, 0.17, 0.34, 0.14
HSL	30°, 51%, 71%
HSV	30°, 34%, 86%
XYZ	50.7713, 50.1214, 33.3840
YIQ	188.1440, 34.5250, -3.4510

Conversions

Conversions Part 2

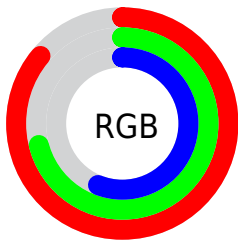
Format	Color
RYB	219, 217, 144
Decimal	14398864
CIELab	76.14, 8.52, 24.01
CIELCh	76, 25.474, 70.458
Yxy	50.1214, 0.3781, 0.3733
Android (android.graphics.Color)	4292588944 (0xFFDDBB590)
YUV	188.1440, -21.7630, 27.0607
Hunter-Lab	70.7965, 4.1165, 21.5994

Details

The XYZ color **50.7713, 50.1214, 33.3840** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.0152, 44.4982, 73.4451**, and the grayscale version is **47.9889, 50.4881, 54.9815**.

A 20% lighter version of the original color is **81.7172, 85.9056, 65.7006**, and **24.7992, 24.0152, 13.6843** is the 20% darker color. If you saturate the color by 10%, you get **47.0906, 45.1838, 24.6848**, and if you desaturate by 10%, it is **54.9590, 55.5529, 43.8552**.

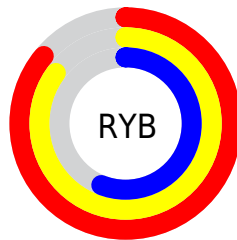
Distribution



Red (86%)

Green (71%)

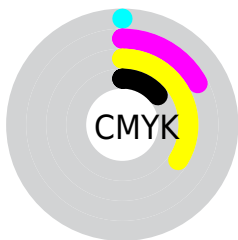
Blue (56%)



Red (86%)

Yellow (85%)

Blue (56%)

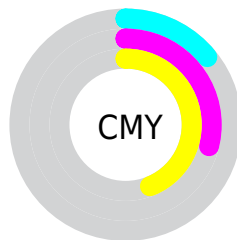


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (14%)



Cyan (14%)


Magenta (29%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7713, 50.1214, 33.3840 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 50.7713, 50.1214, 33.3840 by changing the saturation by 10% instead.


 50.7713, 50.1214,
33.3840

 50.7713, 50.1214,
33.3840


380.0769,
387.1405, 332.0614

 36.2469, 35.5099,
22.1473

 90.5016, 90.3547,
66.0975

 24.7960, 24.0559,
13.7658


 116.4383,
116.7453, 88.4113

 16.0530, 15.3751,
7.8211


146.9098,
147.8310, 115.2546

 9.6528, 9.0831,
3.8945

182.2815,
183.9963, 147.0458

 5.2298, 4.7954,
1.5677

222.9186,
225.6255, 184.2036

 2.4189, 2.1277,
0.2676

269.1867,

 0.8545, 0.6801,

273.1030, 227.1464

0.0000

321.4510,
326.8132, 276.2929

■ 0.0000, 0.0000,
0.0000

■ 50.7713, 50.1214,
33.3840

■ 50.7713, 50.1214,
33.3840

■ 47.0906, 45.1838,
24.6848

■ 54.9590, 55.5529,
43.8552

■ 43.8900, 40.7172,
17.6538

■ 59.6711, 61.4863,
56.1879

■ 41.1457, 36.7071,
12.1811

■ 64.9290, 67.9381,
70.4692

■ 38.8298, 33.1350,
8.1422

■ 70.7515, 74.9219,
86.7799

■ 36.9107, 29.9809,
5.3931

■ 77.1565, 82.4508,
105.1960

■ 35.3503, 27.2218,
3.7586

■ 80.6998, 89.1528,
107.5626

■ 34.5817, 25.7966,
3.1566

■ 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



54.9594, 50.1214, 39.2500



50.7713, 50.1214, 33.3840



45.9943, 50.1214, 32.6145

Triad

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



50.7713, 50.1214, 33.3840



39.1813, 50.1214, 59.4788



53.8379, 50.1214, 77.0845

Complementary

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



50.7713, 50.1214, 33.3840



41.0152, 44.4982, 73.4451

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.



49.3222, 50.1214, 84.6743



50.7713, 50.1214, 33.3840



40.9991, 50.1214, 73.4422

Square

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



50.7713, 50.1214, 33.3840



39.5121, 50.1214, 46.2550



44.6380, 50.1214, 83.2402



56.8100, 50.1214, 63.8343

Rectangle

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



50.7713, 50.1214, 33.3840



43.1418, 50.1214, 34.9281



44.6380, 50.1214, 83.2402



52.4381, 50.1214, 80.4748

Sweetspot

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



50.7726, 50.1237, 33.3850



87.2292, 90.4980, 87.3657



47.7082, 38.4156, 49.5643



18.4492, 19.0975, 18.1015



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.



50.7726, 50.1237, 33.3850



67.9100, 65.7338, 38.1532



59.2542, 67.0870, 36.2122



13.5839, 14.1072, 13.7326



20.6145, 15.5146, 1.9081



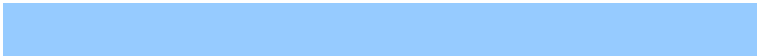
1.4216, 1.1774, 0.1523

Inverse Universe

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



41.0152, 44.4982, 73.4451



52.1648, 56.6551, 102.7939



34.4519, 31.3717, 71.2574



12.8812, 13.7021, 16.6180



11.0586, 9.9867, 41.0832



0.8026, 0.8194, 2.6903

Previews

White Background



This preview shows how the XYZ color 50.7713, 50.1214, 33.3840 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 50.7713, 50.1214, 33.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

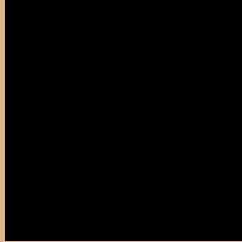
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7713, 50.1214, 33.3840

Background



This preview shows how black text looks on a background with the XYZ color 50.7713, 50.1214, 33.3840.



This preview shows how white text looks on a background with the XYZ color 50.7713, 50.1214,

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

50.7713, 50.1214, 33.3840

Protanopia

47.0691, 50.3524, 34.8419

Deuteranopia

51.1741, 50.0283, 33.3448



Tritanopia

55.1475, 50.1381, 54.3480

Trichromacy



Original Color

50.7713, 50.1214, 33.3840

Protanomaly

48.2694, 50.0386, 34.3085

Deuteranomaly

50.8705, 49.8718, 33.3306

Tritanomaly

53.2927, 49.9524, 45.8627

Monochromacy



Original Color

50.7713, 50.1214, 33.3840

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3485, 49.8186, 46.0974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7713, 50.1214, 33.3840 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(219, 181, 144)` looks like.

```
.text, #text, p{  
    color:rgb(219, 181, 144)  
}
```

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(219, 181, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 181, 144) }
```

Border

The CSS property to change the border of an element to XYZ 50.7713, 50.1214, 33.3840 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(219, 181, 144) }
```


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

```
.border{ border-color:rgb(219, 181, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 181, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 181, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 181, 144);  
box-shadow:4px 4px 4px 4px rgb(219, 181,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7713, 50.1214, 33.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 181, 144) }
```

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

```
.background{ background-color: rgb(219,  
181, 144) }
```

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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