

Converting Colors

XYZ(50.5380, 51.3912, 42.0023)

Have a look what the booklet for
XYZ(50.5380, 51.3912, 42.0023)
contains.

XYZ(50.4643, 51.3175, 41.8958)	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(50.4643, 51.3175,
41.8958)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BAA3
RGB	209, 186, 163
RGB Percent	82%, 73%, 64%
CMY	0.1804, 0.2706, 0.3608
CMYK	0.00, 0.11, 0.22, 0.18
HSL	30°, 33%, 73%
HSV	30°, 22%, 82%
XYZ	50.4643, 51.3175, 41.8958
YIQ	190.2550, 21.0910, -2.2770

Conversions

Conversions Part 2

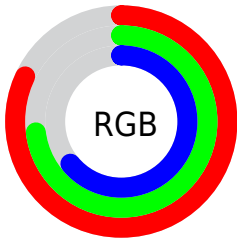
Format	Color
R _Y B	209, 209, 163
Decimal	13744803
CIE Lab	76.87, 4.57, 14.65
CIE LCh	77, 15.350, 72.690
Yxy	51.3175, 0.3512, 0.3572
Android (android.graphics.Color)	4291934883 (0xFFD1BAA3)
YUV	190.2550, -13.4367, 16.4394
Hunter-Lab	71.6362, 0.3813, 15.4701

Details

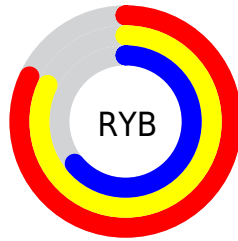
The XYZ color **50.4643, 51.3175, 41.8958** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1715, 47.5066, 67.1636**, and the grayscale version is **49.1582, 51.7183, 56.3212**.

A 20% lighter version of the original color is **85.6470, 89.8262, 79.1538**, and **24.5832, 24.7928, 18.5287** is the 20% darker color. If you saturate the color by 10%, you get **46.6234, 46.3887, 32.1277**, and if you desaturate by 10%, it is **54.7784, 56.6967, 53.3497**.

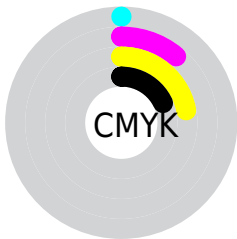
Distribution



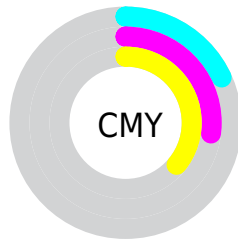
- Red (82%)
- Green (73%)
- Blue (64%)



- Red (82%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4643, 51.3175, 41.8958 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 50.4643, 51.3175, 41.8958 by changing the saturation by 10% instead.

 50.4643, 51.3175,
41.8958


 50.4643, 51.3175,
41.8958


378.9009,
391.7961, 369.8377

 36.0018, 36.4614,
28.6947

 90.0501, 92.1239,
79.3103

 24.6057, 24.7907,
18.6064


 115.9041,
118.8430, 104.3608

 15.9107, 15.9212,
11.2123

146.2860,
150.2851, 134.1982

 9.5514, 9.4684,
6.0939

181.5611,
186.8348, 169.2411

 5.1625, 5.0479,
2.8325

222.0948,
228.8763, 209.9079

 2.3787, 2.2754,
1.0098

268.2524,

 0.8345, 0.7607,

276.7941, 256.6173

0.0000

320.3994,
330.9726, 309.7877

■ 0.0000, 0.0000,
0.0000

■ 50.4643, 51.3175,
41.8958

■ 50.4643, 51.3175,
41.8958

■ 46.6234, 46.3887,
32.1277

■ 54.7784, 56.6967,
53.3497

■ 43.2330, 41.8904,
23.9610

■ 59.5791, 62.5315,
66.5617

■ 40.2745, 37.8113,
17.3088

■ 64.8843, 68.8361,
81.6039

■ 37.7261, 34.1368,
12.0746

■ 70.7095, 75.6218,
98.5434

■ 35.5638, 30.8513,
8.1506

■ 74.9908, 82.0677,
106.4959

■ 33.7604, 27.9374,
5.4132

■ 78.1258, 88.3376,
107.5409

■ 32.2840, 25.3759,
3.7146

■ 80.1047, 92.2954,
108.2006

■ 31.2975, 23.5610,
2.8982

Harmonies

Analogous

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



53.0172, 51.3175, 45.6734



50.4643, 51.3175, 41.8958



47.5535, 51.3175, 41.6198

Triad

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



50.4643, 51.3175, 41.8958



43.5041, 51.3175, 59.4810



52.6799, 51.3175, 68.5391

Complementary

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



50.4643, 51.3175, 41.8958



44.1715, 47.5066, 67.1636

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.



50.0188, 51.3175, 73.0645



50.4643, 51.3175, 41.8958



44.7667, 51.3175, 67.4951

Square

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



50.4643, 51.3175, 41.8958



43.6127, 51.3175, 51.2300



47.1253, 51.3175, 72.6644



54.3310, 51.3175, 60.7948

Rectangle

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



50.4643, 51.3175, 41.8958



45.8076, 51.3175, 43.4139



47.1253, 51.3175, 72.6644



51.8694, 51.3175, 70.5203

Sweetspot

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



50.4657, 51.3198, 41.8969



89.5271, 93.3414, 93.5338



48.2551, 43.2955, 52.2685



19.0645, 19.8597, 19.7507



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.



50.4657, 51.3198, 41.8969



76.4758, 77.0873, 58.8222



55.7063, 61.8010, 43.6437



12.2902, 12.7710, 12.4293



19.3956, 14.7242, 1.8198



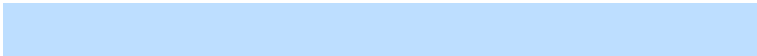
1.1638, 0.9820, 0.1282

Inverse Universe

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



44.1715, 47.5066, 67.1636



65.0417, 70.1601, 104.7219



39.7107, 38.5850, 65.6767



11.6449, 12.3801, 15.0195



10.2766, 9.1999, 38.4266



0.6540, 0.6731, 2.1750

Previews

White Background



This preview shows how the XYZ color 50.4643, 51.3175, 41.8958 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 50.4643, 51.3175, 41.8958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

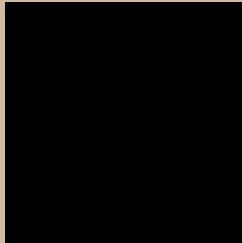
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4643, 51.3175, 41.8958

Background



This preview shows how black text looks on a background with the XYZ color 50.4643, 51.3175, 41.8958.



This preview shows how white text looks on a background with the XYZ color 50.4643, 51.3175,

41.8958.

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

50.4643, 51.3175, 41.8958

Protanopia

48.5423, 51.2539, 42.9319

Deuteranopia

52.5478, 51.4527, 42.2838



Tritanopia

53.8148, 51.1340, 58.6633

Trichromacy



Original Color

50.4643, 51.3175, 41.8958

Protanomaly

49.3127, 51.3433, 42.4331

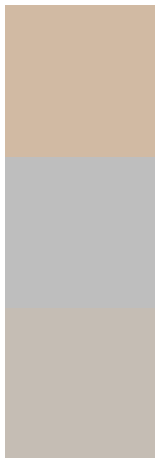
Deuteranomaly

51.8657, 51.4084, 42.3112

Tritanomaly

52.6321, 51.2829, 51.9243

Monochromacy



Original Color

50.4643, 51.3175, 41.8958

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.4618, 51.5608, 50.5253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4643, 51.3175, 41.8958 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, 186, 163) looks like.

```
.text, #text, p{  
    color:rgb(209, 186, 163)  
}
```

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, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 186, 163) }
```

Border

The CSS property to change the border of an element to XYZ 50.4643, 51.3175, 41.8958 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, 186, 163) }
```


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

```
.border{ border-color:rgb(209, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(209, 186,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4643, 51.3175, 41.8958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 186, 163) }
```

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

```
.background{ background-color: rgb(209,  
186, 163) }
```

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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