

Converting Colors

XYZ(45.9913, 48.8215, 42.5459)

Have a look what the booklet for
XYZ(45.9913, 48.8215, 42.5459)
contains.

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Color

**XYZ(45.8787, 48.6210,
42.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B9A5
RGB	192, 185, 165
RGB Percent	75%, 73%, 65%
CMY	0.2471, 0.2745, 0.3529
CMYK	0.00, 0.04, 0.14, 0.25
HSL	44°, 18%, 70%
HSV	44°, 14%, 75%
XYZ	45.8787, 48.6210, 42.5640
YIQ	184.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

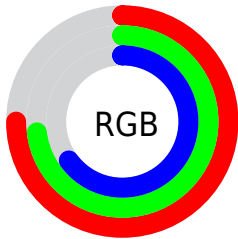
Format	Color
RYB	174, 192, 165
Decimal	12630437
CIELab	75.21, -0.95, 11.03
CIELCh	75, 11.071, 94.921
Yxy	48.6210, 0.3347, 0.3547
Android (android.graphics.Color)	4290820517 (0xFFC0B9A5)
YUV	184.8130, -9.7678, 6.3030
Hunter-Lab	69.7288, -4.5796, 12.6182

Details

The XYZ color **45.8787, 48.6210, 42.5640** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.7838, 41.3093, 55.7462**, and the grayscale version is **46.0597, 48.4584, 52.7712**.

A 20% lighter version of the original color is **83.4405, 88.2176, 80.3401**, and **21.7131, 23.0981, 18.9368** is the 20% darker color. If you saturate the color by 10%, you get **43.2385, 45.9303, 33.6997**, and if you desaturate by 10%, it is **48.8203, 51.4938, 52.8244**.

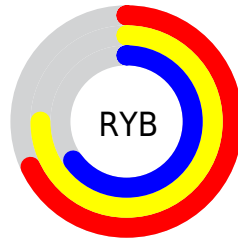
Distribution



Red (75%)

Green (73%)

Blue (65%)



Red (68%)

Yellow (75%)

Blue (65%)

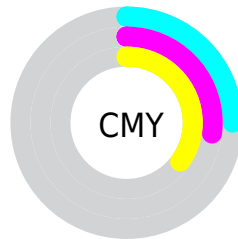


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8787, 48.6210, 42.5640 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 45.8787, 48.6210, 42.5640 by changing the saturation by 10% instead.


 45.8787, 48.6210,
42.5640


 45.8787, 48.6210,
42.5640

361.0449,
381.2484, 372.6840

 32.3543, 34.3189,
29.2143


 83.2664, 88.1283,
80.3318

 21.7891, 23.1387,
18.9960


 107.8605,
114.1023, 105.5870

 13.8178, 14.6960,
11.4906


136.8751,
144.7358, 135.6477

 8.0749, 8.6063,
6.2796

170.6757,
180.4130, 170.9326

 4.1951, 4.4853,
2.9443

209.6277,
221.5185, 211.8601

 1.8131, 1.9486,
1.0663

254.0963,

 0.5255, 0.5773,

268.4367, 258.8488

0.0000

304.4469,
321.5518, 312.3173

■ 0.0000, 0.0000,
0.0000

■ 45.8787, 48.6210,
42.5640

■ 45.8787, 48.6210,
42.5640

■ 43.2385, 45.9303,
33.6997

■ 48.8203, 51.4938,
52.8244

■ 40.8839, 43.4098,
26.1668

■ 52.0708, 54.5475,
64.5354

■ 38.8031, 41.0560,
19.9003

■ 55.6420, 57.7888,
77.7524

■ 36.9823, 38.8626,
14.8283

■ 59.5441, 61.2225,
92.5271

■ 35.4060, 36.8229,
10.8718

■ 62.8053, 64.4603,
103.7396

■ 34.0570, 34.9294,
7.9422

■ 64.0518, 66.9534,
104.1551

■ 32.9156, 33.1736,
5.9372

■ 65.3369, 69.5235,
104.5835

■ 31.9579, 31.5452,
4.7334

■ 66.6608, 72.1714,
105.0248

■ 31.4488, 30.6273,
4.2541

■ 68.0239, 74.8975,
105.4792

Harmonies

Analogous

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



47.8873, 48.6210, 43.4457



45.8787, 48.6210, 42.5640



44.0139, 48.6210, 44.2919

Triad

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



45.8787, 48.6210, 42.5640



43.0853, 48.6210, 59.6015



49.8395, 48.6210, 57.8216

Complementary

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



45.8787, 48.6210, 42.5640



39.7838, 41.3093, 55.7462

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.



48.4838, 48.6210, 62.6464



45.8787, 48.6210, 42.5640



44.5778, 48.6210, 63.7256

Square

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



45.8787, 48.6210, 42.5640



42.4315, 48.6210, 53.9050



46.5485, 48.6210, 64.8785



50.2123, 48.6210, 51.9866

Rectangle

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



45.8787, 48.6210, 42.5640



43.0911, 48.6210, 46.7712



46.5485, 48.6210, 64.8785



49.4817, 48.6210, 59.6287

Sweetspot

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



45.8800, 48.6231, 42.5650



88.4580, 93.3023, 95.7102



42.6595, 41.1036, 44.8165



18.8862, 19.9292, 20.2105



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



45.8800, 48.6231, 42.5650



81.5370, 86.5008, 71.6980



45.8185, 50.8179, 42.9919



10.6854, 11.3023, 10.6802



21.2271, 20.7400, 2.8844



0.9703, 1.0024, 0.1423

Inverse Universe

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



39.7838, 41.3093, 55.7462



68.2702, 70.5848, 100.3863



39.8302, 39.4084, 55.3768



9.7358, 10.1629, 12.7333



7.2170, 4.1904, 33.9851



0.3699, 0.2971, 1.4877

Previews

White Background



This preview shows how the XYZ color 45.8787, 48.6210, 42.5640 looks on a white background.

Color Contrast Check

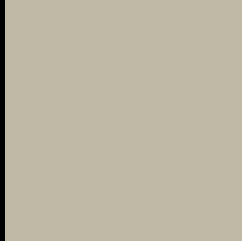
Large Text (above 18pt) WCAG AA × Fail

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 45.8787, 48.6210, 42.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

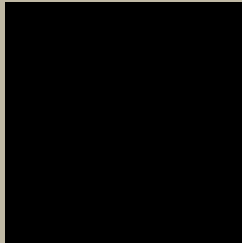
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8787, 48.6210, 42.5640

Background



This preview shows how black text looks on a background with the XYZ color 45.8787, 48.6210, 42.5640.



This preview shows how white text looks on a background with the XYZ color 45.8787, 48.6210,

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

45.8787, 48.6210, 42.5640

Protanopia

46.1328, 48.7520, 42.5759

Deuteranopia

49.5814, 48.6950, 42.8622



Tritanopia

49.1392, 48.7236, 58.4444

Trichromacy



Original Color

45.8787, 48.6210, 42.5640

Protanomaly

46.1328, 48.7520, 42.5759

Deuteranomaly

48.0354, 48.4974, 42.9056

Tritanomaly

47.8854, 48.5187, 52.1886

Monochromacy



Original Color

45.8787, 48.6210, 42.5640

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1239, 48.6036, 49.0699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8787, 48.6210, 42.5640 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(192, 185, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 165)  
}
```

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(192, 185, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 165) }
```

Border

The CSS property to change the border of an element to XYZ 45.8787, 48.6210, 42.5640 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(192, 185, 165) }
```


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

```
.border{ border-color:rgb(192, 185, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8787, 48.6210, 42.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 165) }
```

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

```
.background{ background-color: rgb(192,  
185, 165) }
```

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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