

Converting Colors

XYZ(52.4462, 50.5724, 38.4497)

Have a look what the booklet for
XYZ(52.4462, 50.5724, 38.4497)
contains.

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Color

**XYZ(52.4462, 50.5724,
38.4497)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB49C
RGB	222, 180, 156
RGB Percent	87%, 71%, 61%
CMY	0.1294, 0.2941, 0.3882
CMYK	0.00, 0.19, 0.30, 0.13
HSL	22°, 50%, 74%
HSV	22°, 30%, 87%
XYZ	52.4462, 50.5724, 38.4497
YIQ	189.8220, 32.7360, 1.4400

Conversions

Conversions Part 2

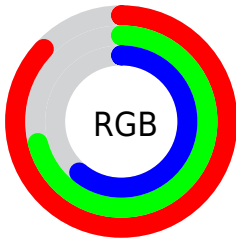
Format	Color
R _Y B	222, 194, 156
Decimal	14595228
CIE Lab	76.42, 11.75, 17.98
CIE LCh	76, 21.476, 56.842
Yxy	50.5724, 0.3707, 0.3575
Android (android.graphics.Color)	4292785308 (0xFFDEB49C)
YUV	189.8220, -16.6742, 28.2201
Hunter-Lab	71.1143, 7.1923, 17.7234

Details

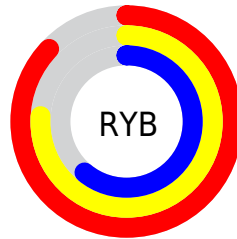
The XYZ color **52.4462, 50.5724, 38.4497** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0886, 52.7284, 76.8032**, and the grayscale version is **48.9219, 51.4697, 56.0505**.

A 20% lighter version of the original color is **82.9933, 85.9541, 73.8446**, and **25.8651, 24.3057, 16.6928** is the 20% darker color. If you saturate the color by 10%, you get **48.0279, 44.4741, 28.5347**, and if you desaturate by 10%, it is **57.5014, 57.3941, 50.2731**.

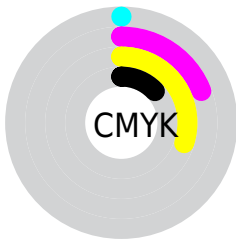
Distribution



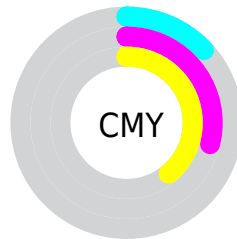
- Red (87%)
- Green (71%)
- Blue (61%)



- Red (87%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4462, 50.5724, 38.4497 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 52.4462, 50.5724, 38.4497 by changing the saturation by 10% instead.


 52.4462, 50.5724,
38.4497


 52.4462, 50.5724,
38.4497


386.4525,
388.9002, 354.9010

 37.5866, 35.8684,
26.0274


 92.9593, 91.0224,
74.0079

 25.8377, 24.3326,
16.6182


 119.3435,
117.5372, 97.9809

 16.8343, 15.5805,
9.8036


150.2998,
148.7577, 126.6412

 10.2110, 9.2278,
5.1650

186.1938,
185.0684, 160.4073

 5.6024, 4.8901,
2.2840

227.3907,
226.8536, 199.6978

 2.6432, 2.1829,
0.7222

274.2559,

 0.9680, 0.7107,

274.4977, 244.9313

0.0000

327.1547,
328.3851, 296.5261

0.0000, 0.0000,
0.0000

52.4462, 50.5724,
38.4497

52.4462, 50.5724,
38.4497

48.0279, 44.4741,
28.5347

57.5014, 57.3941,
50.2731

44.2151, 39.0673,
20.4235

63.2152, 64.9558,
64.0958

40.9796, 34.3282,
14.0059

69.6129, 73.2820,
80.0065

38.2889, 30.2282,
9.1585

76.7175, 82.3943,
98.0876

36.1069, 26.7370,
5.7405

82.5573, 91.5157,
107.9208

■ 34.3918, 23.8204,
3.5854

■ 83.9343, 94.2696,
108.3798

■ 33.0793, 21.4345,
2.4111

■ 33.0476, 21.3763,
2.3842

Harmonies

Analogous

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



55.3430, 50.5724, 45.6110



52.4462, 50.5724, 38.4497



48.4971, 50.5724, 35.6916

Triad

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



52.4462, 50.5724, 38.4497



40.7156, 50.5724, 53.8473



51.6639, 50.5724, 77.4150

Complementary

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



52.4462, 50.5724, 38.4497



47.0886, 52.7284, 76.8032

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.



47.6405, 50.5724, 80.4212



52.4462, 50.5724, 38.4497



41.4594, 50.5724, 65.7420

Square

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



52.4462, 50.5724, 38.4497



41.8487, 50.5724, 43.7628



43.9397, 50.5724, 75.8859



54.8739, 50.5724, 68.1620

Rectangle

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



52.4462, 50.5724, 38.4497



45.8501, 50.5724, 36.3859



43.9397, 50.5724, 75.8859



50.3553, 50.5724, 79.2412

Sweetspot

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



52.4475, 50.5747, 38.4507



87.0897, 89.6433, 89.0939



52.3102, 43.4259, 59.5974



18.3810, 18.8464, 18.4323



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.



52.4475, 50.5747, 38.4507



67.7417, 63.6573, 43.4611



59.6937, 65.0672, 40.8661



14.1133, 14.5126, 14.3641



19.7263, 12.8904, 1.4484



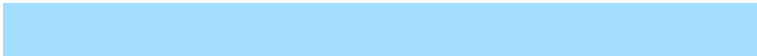
1.4505, 1.0598, 0.1281

Inverse Universe

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



47.0886, 52.7284, 76.8032



59.2135, 67.0642, 104.4315



40.5137, 39.5785, 74.6115



13.6755, 14.6901, 17.5024



13.6208, 14.7112, 43.1700



1.0284, 1.1882, 3.0204

Previews

White Background



This preview shows how the XYZ color 52.4462, 50.5724, 38.4497 looks on a white background.

Color Contrast Check

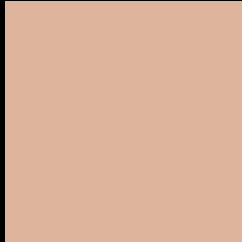
Large Text (above 18pt) WCAG AA × Fail

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 52.4462, 50.5724, 38.4497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

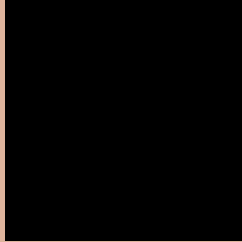
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4462, 50.5724, 38.4497

Background



This preview shows how black text looks on a background with the XYZ color 52.4462, 50.5724, 38.4497.



This preview shows how white text looks on a background with the XYZ color 52.4462, 50.5724,

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

52.4462, 50.5724, 38.4497

Protanopia

47.8816, 50.6466, 40.5099

Deuteranopia

51.4381, 50.3535, 38.4606



Tritanopia

55.8793, 50.5028, 54.9470

Trichromacy



Original Color

52.4462, 50.5724, 38.4497

Protanomaly

49.3391, 50.4665, 39.9415

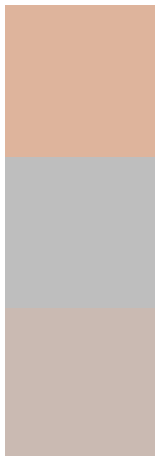
Deuteranomaly

51.7380, 50.5081, 38.4746

Tritanomaly

54.7093, 50.6262, 48.4833

Monochromacy



Original Color

52.4462, 50.5724, 38.4497

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.9519, 50.8887, 49.3092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4462, 50.5724, 38.4497 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(222, 180, 156)` looks like.

```
.text, #text, p{  
    color:rgb(222, 180, 156)  
}
```

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(222, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 180, 156) }
```

Border

The CSS property to change the border of an element to XYZ 52.4462, 50.5724, 38.4497 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(222, 180, 156) }
```


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

```
.border{ border-color:rgb(222, 180, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 180, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 180, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 180, 156); box-shadow:4px 4px 4px 4px rgb(222, 180, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4462, 50.5724, 38.4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 180, 156) }
```

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

```
.background{ background-color: rgb(222,  
180, 156) }
```

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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