

Converting Colors

XYZ(50.1964, 45.1579, 37.5232)

Have a look what the booklet for
XYZ(50.1964, 45.1579, 37.5232)
contains.

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Color

**XYZ(50.1964, 45.1579,
37.5232)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E0A59C |
| RGB | 224, 165, 156 |
| RGB Percent | 88%, 65%, 61% |
| CMY | 0.1216, 0.3529, 0.3882 |
| CMYK | 0.00, 0.26, 0.30, 0.12 |
| HSL | 8°, 52%, 75% |
| HSV | 8°, 30%, 88% |
| XYZ | 50.1964, 45.1579, 37.5232 |
| YIQ | 181.6150, 38.0530, 9.7090 |

Conversions

Conversions Part 2

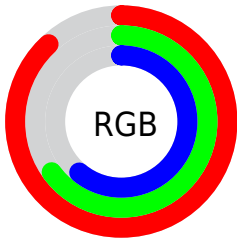
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 224, 166, 156 |
| Decimal | 14722460 |
| CIE Lab | 73.00, 20.55, 13.22 |
| CIE LCh | 73, 24.438, 32.752 |
| Yxy | 45.1579, 0.3778, 0.3398 |
| Android (android.graphics.Color) | 4292912540 (0xFFE0A59C) |
| YUV | 181.6150, -12.6282, 37.1716 |
| Hunter-Lab | 67.1996, 15.7356, 13.9331 |

Details

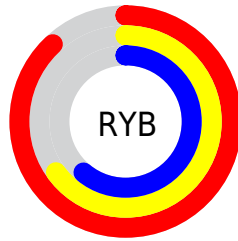
The XYZ color **50.1964, 45.1579, 37.5232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4645, 61.0486, 79.5923**, and the grayscale version is **44.3071, 46.6145, 50.7632**.

A 20% lighter version of the original color is **78.4661, 77.0995, 71.7189**, and **24.3913, 21.0457, 16.1413** is the 20% darker color. If you saturate the color by 10%, you get **45.2289, 37.9835, 27.3564**, and if you desaturate by 10%, it is **56.0488, 53.5417, 49.7115**.

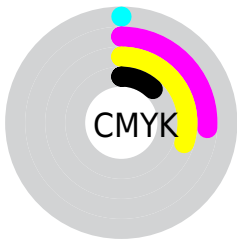
Distribution



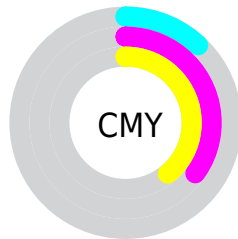
- Red (88%)
- Green (65%)
- Blue (61%)



- Red (88%)
- Yellow (65%)
- Blue (61%)



- Cyan (0%)
- Magenta (26%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1964, 45.1579, 37.5232 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 50.1964, 45.1579, 37.5232 by changing the saturation by 10% instead.


 50.1964, 45.1579,
37.5232

 50.1964, 45.1579,
37.5232


377.8728,
367.4127, 350.8068

 35.7879, 31.5818,
25.3139


 89.6559, 82.9573,
72.5720

 24.4398, 21.0423,
16.0899


 115.4376,
107.9494, 96.2486

 15.7867, 13.1549,
9.4328


145.7411,
137.5157, 124.5847

 9.4632, 7.5353,
4.9239

180.9317,
172.0404, 157.9989

 5.1041, 3.7991,
2.1447

221.3749,
211.9081, 196.9096

 2.3438, 1.5618,
0.6422

267.4358,

 0.8169, 0.3316,

257.5031, 241.7355

0.0000

319.4800,
309.2099, 292.8951

0.0000, 0.0000,
0.0000

50.1964, 45.1579,
37.5232

50.1964, 45.1579,
37.5232

45.2289, 37.9835,
27.3564

56.0488, 53.5417,
49.7115

41.0994, 31.9565,
19.0991

62.8226, 63.1806,
64.0199

37.7623, 27.0191,
12.6324

70.5568, 74.1256,
80.5434

35.1659, 23.1057,
7.8229

79.2871, 86.4230,
99.3708

33.2525, 20.1437,
4.5185

84.5506, 94.5873,
108.4086

■ 31.9551, 18.0508,
2.5390

■ 31.1963, 16.7589,
1.5906

Harmonies

Analogous

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



51.6473, 45.1579, 48.0499



50.1964, 45.1579, 37.5232



46.7876, 45.1579, 31.1010

Triad

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



50.1964, 45.1579, 37.5232



36.0337, 45.1579, 39.1784



43.3163, 45.1579, 76.5660

Complementary

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



50.1964, 45.1579, 37.5232



51.4645, 61.0486, 79.5923

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.



39.2740, 45.1579, 73.1521



50.1964, 45.1579, 37.5232



35.2380, 45.1579, 50.3059

Square

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



50.1964, 45.1579, 37.5232



38.6346, 45.1579, 31.9396



36.3853, 45.1579, 63.0056



47.5138, 45.1579, 71.6920

Rectangle

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



50.1964, 45.1579, 37.5232



43.9645, 45.1579, 29.3522



36.3853, 45.1579, 63.0056



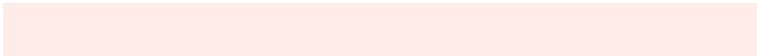
41.8946, 45.1579, 76.3504

Sweetspot

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



50.1976, 45.1600, 37.5241



85.5464, 86.5567, 88.5795



55.0326, 44.5860, 70.7167



18.0032, 18.0909, 18.3064



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.



50.1976, 45.1600, 37.5241



63.2682, 54.7103, 41.9699



56.9204, 58.6057, 39.7651



13.8528, 13.9916, 14.2773



18.2056, 9.8490, 0.9415



1.3099, 0.7787, 0.0813

Inverse Universe

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



51.4645, 61.0486, 79.5923



65.1991, 79.0354, 106.4267



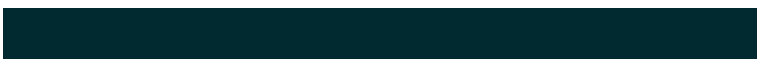
43.9069, 45.9335, 77.0731



13.9537, 15.2465, 17.5951



19.1657, 25.8009, 45.0183



1.3720, 1.8755, 3.1349

Previews

White Background



This preview shows how the XYZ color 50.1964, 45.1579, 37.5232 looks on a white background.

Color Contrast Check

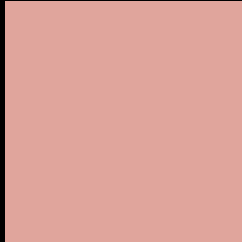
Large Text (above 18pt) WCAG AA × Fail

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 50.1964, 45.1579, 37.5232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

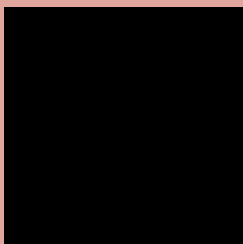
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1964, 45.1579, 37.5232

Background



This preview shows how black text looks on a background with the XYZ color 50.1964, 45.1579, 37.5232.



This preview shows how white text looks on a background with the XYZ color 50.1964, 45.1579,

37.5232.

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

50.1964, 45.1579, 37.5232

Protanopia

43.2245, 45.4493, 41.1448

Deuteranopia

46.3136, 45.3755, 37.3277



Tritanopia

52.0222, 45.1046, 46.5216

Trichromacy



Original Color

50.1964, 45.1579, 37.5232

Protanomaly

45.3006, 45.0895, 39.5733

Deuteranomaly

47.7317, 45.2621, 37.2311

Tritanomaly

51.2164, 45.0291, 43.0379

Monochromacy



Original Color

50.1964, 45.1579, 37.5232

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.0941, 45.9381, 45.9727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1964, 45.1579, 37.5232 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(224, 165, 156)` looks like.

```
.text, #text, p{  
    color:rgb(224, 165, 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(224, 165, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 165, 156) }
```

Border

The CSS property to change the border of an element to XYZ 50.1964, 45.1579, 37.5232 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(224, 165, 156) }
```


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

```
.border{ border-color:rgb(224, 165, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 165, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 165, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 165, 156);  
box-shadow:4px 4px 4px 4px rgb(224, 165,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1964, 45.1579, 37.5232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 165, 156) }
```

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

```
.background{ background-color: rgb(224,  
165, 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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