

Converting Colors

XYZ(52.4039, 45.6333, 37.3990)

Have a look what the booklet for
XYZ(52.4039, 45.6333, 37.3990)
contains.

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Color

**XYZ(52.1998, 45.3968,
37.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A29C
RGB	232, 162, 156
RGB Percent	91%, 64%, 61%
CMY	0.0902, 0.3647, 0.3882
CMYK	0.00, 0.30, 0.33, 0.09
HSL	5°, 62%, 76%
HSV	5°, 33%, 91%
XYZ	52.1998, 45.3968, 37.4637
YIQ	182.2460, 43.6460, 12.9740

Conversions

Conversions Part 2

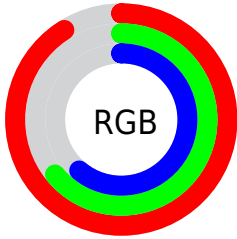
Format	Color
R _Y B	232, 163, 156
Decimal	15245980
CIE Lab	73.15, 25.18, 13.57
CIE LCh	73, 28.605, 28.309
Yxy	45.3968, 0.3865, 0.3361
Android (android.graphics.Color)	4293436060 (0xFFE8A29C)
YUV	182.2460, -12.9393, 43.6343
Hunter-Lab	67.3771, 20.3812, 14.1970

Details

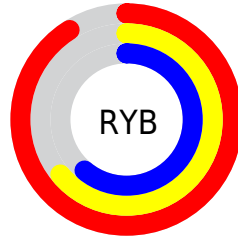
The XYZ color **52.1998, 45.3968, 37.4637** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.4711, 67.2844, 86.4076**, and the grayscale version is **44.6502, 46.9755, 51.1563**.

A 20% lighter version of the original color is **77.6857, 75.5389, 71.4587**, and **25.8049, 21.2857, 16.1131** is the 20% darker color. If you saturate the color by 10%, you get **46.9704, 37.7873, 26.9364**, and if you desaturate by 10%, it is **58.4463, 54.4397, 50.1821**.

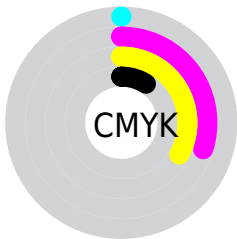
Distribution



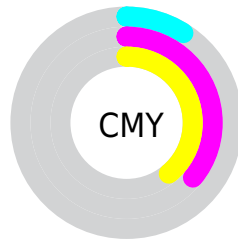
- Red (91%)
- Green (64%)
- Blue (61%)



- Red (91%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (33%)
- Black (9%)





- Cyan (9%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1998, 45.3968, 37.4637 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 52.1998, 45.3968, 37.4637 by changing the saturation by 10% instead.


 52.1998, 45.3968,
37.4637


 52.1998, 45.3968,
37.4637


385.5188,
368.3782, 350.5427

 37.3893, 31.7701,
25.2681

 92.5983, 83.3155,
72.4797

 25.6841, 21.1859,
16.0561

 118.9170,
108.3763, 96.1371

 16.7189, 13.2600,
9.4091


149.8025,
138.0173, 124.4523

 10.1283, 7.6078,
4.9085

185.6201,
172.6228, 157.8437

 5.5470, 3.8450,
2.1359

226.7351,
212.5773, 196.7299

 2.6097, 1.5873,
0.6370

273.5130,

 0.9509, 0.3490,

258.2651, 241.5295

0.0000

326.3191,
310.0706, 292.6609

■ 0.0000, 0.0000,
0.0000

■ 52.1998, 45.3968,
37.4637

■ 52.1998, 45.3968,
37.4637

■ 46.9704, 37.7873,
26.9364

■ 58.4463, 54.4397,
50.1821

■ 42.7008, 31.5315,
18.4739

■ 65.7562, 64.9774,
65.2027

■ 39.3335, 26.5519,
11.9410

■ 74.1770, 77.0758,
82.6325

■ 36.8033, 22.7603,
7.1856

■ 83.7525, 90.7946,
102.5710

■ 35.0361, 20.0577,
4.0325

■ 87.0887, 95.8958,
108.5274

■ 33.9448, 18.3286,
2.2709

■ 33.5005, 17.5992,
1.6313

Harmonies

Analogous

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



53.5143, 45.3968, 50.2484



52.1998, 45.3968, 37.4637



48.4109, 45.3968, 29.4701

Triad

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



52.1998, 45.3968, 37.4637



35.4577, 45.3968, 36.3031



42.8645, 45.3968, 82.4627

Complementary

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



52.1998, 45.3968, 37.4637



55.4711, 67.2844, 86.4076

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.



38.2816, 45.3968, 76.8251



52.1998, 45.3968, 37.4637



34.2156, 45.3968, 48.6193

Square

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



52.1998, 45.3968, 37.4637



38.7382, 45.3968, 28.8969



35.2087, 45.3968, 63.7049



47.8810, 45.3968, 77.9232

Rectangle

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



52.1998, 45.3968, 37.4637



45.1305, 45.3968, 27.0314



35.2087, 45.3968, 63.7049



41.2250, 45.3968, 81.6768

Sweetspot

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



52.2010, 45.3990, 37.4646



84.1730, 84.3856, 86.3469



59.0234, 46.4755, 78.4847



17.7137, 17.6265, 17.8563



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.



52.2010, 45.3990, 37.4646



60.3724, 49.9845, 37.7191



59.7185, 60.4340, 39.9704



14.4680, 14.5500, 14.9503



18.6335, 9.8411, 0.9174



1.4090, 0.7913, 0.0785

Inverse Universe

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



55.4711, 67.2844, 86.4076



64.9776, 80.8516, 106.7890



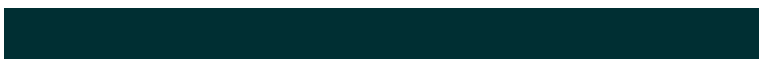
46.4594, 49.2611, 83.4037



14.7049, 16.1312, 18.4829



21.4327, 29.9274, 47.0301



1.6129, 2.2697, 3.4851

Previews

White Background



This preview shows how the XYZ color 52.1998, 45.3968, 37.4637 looks on a white background.

Color Contrast Check

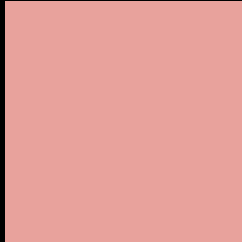
Large Text (above 18pt) WCAG AA × Fail

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 52.1998, 45.3968, 37.4637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

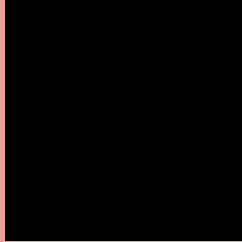
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1998, 45.3968, 37.4637

Background



This preview shows how black text looks on a background with the XYZ color 52.1998, 45.3968, 37.4637.



This preview shows how white text looks on a background with the XYZ color 52.1998, 45.3968,

37.4637.

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

52.1998, 45.3968, 37.4637

Protanopia

43.4051, 45.5216, 42.0962

Deuteranopia

46.5084, 45.4856, 36.9002



Tritanopia

53.9489, 45.6126, 44.9904

Trichromacy



Original Color

52.1998, 45.3968, 37.4637

Protanomaly

46.0938, 45.1923, 40.4760

Deuteranomaly

48.4233, 45.3414, 37.2099

Tritanomaly

53.2321, 45.5666, 42.0660

Monochromacy



Original Color

52.1998, 45.3968, 37.4637

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.6922, 45.9564, 45.9447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1998, 45.3968, 37.4637 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(232, 162, 156)` looks like.

```
.text, #text, p{  
    color:rgb(232, 162, 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(232, 162, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 162, 156) }
```

Border

The CSS property to change the border of an element to XYZ 52.1998, 45.3968, 37.4637 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(232, 162, 156) }
```


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

```
.border{ border-color:rgb(232, 162, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 162, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 162, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 162, 156);  
box-shadow:4px 4px 4px 4px rgb(232, 162,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1998, 45.3968, 37.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 162, 156) }
```

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

```
.background{ background-color: rgb(232,  
162, 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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