

Converting Colors

XYZ(52.3751, 46.4362, 36.3400)

Have a look what the booklet for
XYZ(52.3751, 46.4362, 36.3400)
contains.

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Color

**XYZ(52.1599, 46.1991,
36.3052)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7A599 |
| RGB | 231, 165, 153 |
| RGB Percent | 91%, 65%, 60% |
| CMY | 0.0941, 0.3529, 0.4000 |
| CMYK | 0.00, 0.29, 0.34, 0.09 |
| HSL | 9°, 62%, 75% |
| HSV | 9°, 34%, 91% |
| XYZ | 52.1599, 46.1991, 36.3052 |
| YIQ | 183.3660, 43.1880, 10.2600 |

Conversions

Conversions Part 2

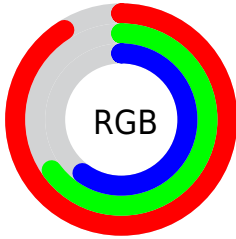
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 231, 167, 153 |
| Decimal | 15181209 |
| CIE Lab | 73.67, 22.83, 15.93 |
| CIE LCh | 74, 27.835, 34.899 |
| Yxy | 46.1991, 0.3873, 0.3431 |
| Android (android.graphics.Color) | 4293371289 (0xFFE7A599) |
| YUV | 183.3660, -14.9704, 41.7750 |
| Hunter-Lab | 67.9699, 18.0330, 15.9100 |

Details

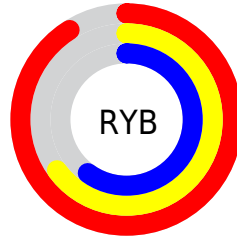
The XYZ color **52.1599, 46.1991, 36.3052** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8913, 63.2026, 85.0130**, and the grayscale version is **45.2748, 47.6326, 51.8719**.

A 20% lighter version of the original color is **78.0957, 76.9514, 69.7685**, and **25.7590, 21.7682, 15.4144** is the 20% darker color. If you saturate the color by 10%, you get **47.1737, 38.9900, 26.1239**, and if you desaturate by 10%, it is **58.0566, 54.6378, 48.6131**.

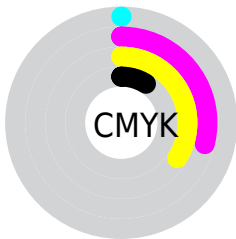
Distribution



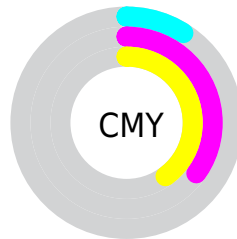
- Red (91%)
- Green (65%)
- Blue (60%)



- Red (91%)
- Yellow (65%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1599, 46.1991, 36.3052 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 52.1599, 46.1991, 36.3052 by changing the saturation by 10% instead.

 52.1599, 46.1991,
36.3052

 52.1599, 46.1991,
36.3052


385.3674,
371.6085, 345.3702

 37.3573, 32.4030,
24.3784


 92.5398, 84.5169,
70.6772

 25.6592, 21.6695,
15.3998


 118.8479,
109.8073, 93.9596

 16.7002, 13.6142,
8.9507

149.7219,
139.6980, 121.8642

 10.1150, 7.8529,
4.6127

185.5271,
174.5733, 154.8096

 5.5381, 4.0009,
1.9671

226.6289,
214.8176, 193.2144

 2.6043, 1.6741,
0.5349

273.3927,

 0.9481, 0.4068,

260.8153, 237.4970

0.0000

326.1837,
312.9508, 288.0761

■ 0.0000, 0.0000,
0.0000

■ 52.1599, 46.1991,
36.3052

■ 52.1599, 46.1991,
36.3052

■ 47.1737, 38.9900,
26.1239

■ 58.0566, 54.6378,
48.6131

■ 43.0486, 32.9467,
17.9456

■ 64.9028, 64.3529,
63.1561

■ 39.7360, 28.0092,
11.6383

■ 72.7393, 75.3971,
80.0385

■ 37.1808, 24.1100,
7.0528

■ 81.6038, 87.8180,
99.3574

■ 35.3209, 21.1736,
4.0171

■ 86.7650, 95.7289,
108.5123

■ 34.0833, 19.1142,
2.3229

■ 33.5724, 18.2238,
1.7481

Harmonies

Analogous

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



54.0571, 46.1991, 48.0184



52.1599, 46.1991, 36.3052



48.0594, 46.1991, 29.4933

Triad

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



52.1599, 46.1991, 36.3052



35.8683, 46.1991, 39.6354



44.7259, 46.1991, 82.5181

Complementary

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



52.1599, 46.1991, 36.3052



52.8913, 63.2026, 85.0130

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.



40.0082, 46.1991, 79.1346



52.1599, 46.1991, 36.3052



35.1210, 46.1991, 52.6588

Square

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



52.1599, 46.1991, 36.3052



38.7039, 46.1991, 31.1485



36.5809, 46.1991, 67.5028



49.5650, 46.1991, 76.0377

Rectangle

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



52.1599, 46.1991, 36.3052



44.7598, 46.1991, 27.8046



36.5809, 46.1991, 67.5028



43.0727, 46.1991, 82.5064

Sweetspot

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



52.1611, 46.2013, 36.3061



84.7121, 85.4637, 86.5266



57.1722, 44.9021, 72.8790



17.8429, 17.8850, 17.8994



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.



52.1611, 46.2013, 36.3061



60.5161, 50.9461, 35.6885



60.2267, 62.3324, 38.9946



14.5552, 14.7242, 14.9794



18.8779, 10.3299, 0.9989



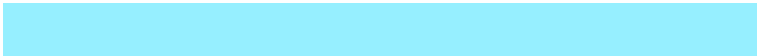
1.4504, 0.8742, 0.0923

Inverse Universe

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



52.8913, 63.2026, 85.0130



61.5505, 75.4265, 105.9225



43.9430, 45.3061, 82.0303



14.6086, 15.9386, 18.4508



19.1572, 25.3765, 46.2716



1.4669, 1.9777, 3.4364

Previews

White Background



This preview shows how the XYZ color 52.1599, 46.1991, 36.3052 looks on a white background.

Color Contrast Check

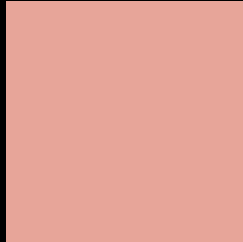
Large Text (above 18pt) WCAG AA × Fail

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 52.1599, 46.1991, 36.3052 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 52.1599, 46.1991, 36.3052

Background



This preview shows how black text looks on a background with the XYZ color 52.1599, 46.1991, 36.3052.



This preview shows how white text looks on a background with the XYZ color 52.1599, 46.1991,

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

52.1599, 46.1991, 36.3052

Protanopia

43.9432, 46.4398, 40.3659

Deuteranopia

47.0165, 46.0618, 35.6909



Tritanopia

54.1646, 46.2203, 46.1110

Trichromacy



Original Color

52.1599, 46.1991, 36.3052

Protanomaly

46.4034, 45.9659, 38.7743

Deuteranomaly

48.8457, 46.1445, 36.0381

Tritanomaly

53.2588, 46.1034, 42.1682

Monochromacy



Original Color

52.1599, 46.1991, 36.3052

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.7911, 46.3086, 45.5020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1599, 46.1991, 36.3052 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(231, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(231, 165, 153)  
}
```

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(231, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 165, 153) }
```

Border

The CSS property to change the border of an element to XYZ 52.1599, 46.1991, 36.3052 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(231, 165, 153) }
```


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

```
.border{ border-color:rgb(231, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(231, 165,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1599, 46.1991, 36.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 165, 153) }
```

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

```
.background{ background-color: rgb(231,  
165, 153) }
```

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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