

Converting Colors

XYZ(52.2664, 49.8621, 35.8716)

Have a look what the booklet for
XYZ(52.2664, 49.8621, 35.8716)
contains.

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Color

**XYZ(52.1659, 49.8901,
35.7345)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B296
RGB	224, 178, 150
RGB Percent	88%, 70%, 59%
CMY	0.1216, 0.3019, 0.4118
CMYK	0.00, 0.21, 0.33, 0.12
HSL	23°, 54%, 73%
HSV	23°, 33%, 88%
XYZ	52.1659, 49.8901, 35.7345
YIQ	188.5620, 36.4040, 1.0440

Conversions

Conversions Part 2

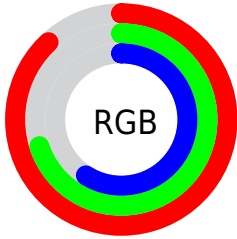
Format	Color
R_{YB}	224, 195, 150
Decimal	14725782
CIE Lab	76.00, 12.81, 20.67
CIE LCh	76, 24.318, 58.202
Yxy	49.8901, 0.3786, 0.3621
Android (android.graphics.Color)	4292915862 (0xFFE0B296)
YUV	188.5620, -19.0111, 31.0791
Hunter-Lab	70.6329, 8.2234, 19.4471

Details

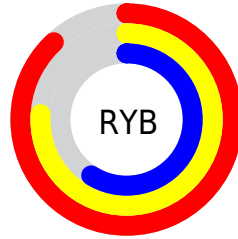
The XYZ color **52.1659, 49.8901, 35.7345** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.7716, 51.3441, 78.0191**, and the grayscale version is **48.2113, 50.7220, 55.2363**.

A 20% lighter version of the original color is **81.5619, 84.4653, 69.1314**, and **25.5221, 23.7836, 15.0499** is the 20% darker color. If you saturate the color by 10%, you get **47.9009, 43.9759, 26.2484**, and if you desaturate by 10%, it is **57.0595, 56.5093, 47.1323**.

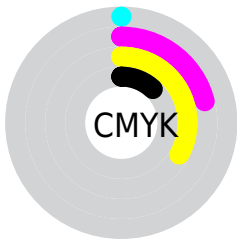
Distribution



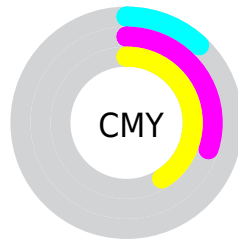
- Red (88%)
- Green (70%)
- Blue (59%)



- Red (88%)
- Yellow (76%)
- Blue (59%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (12%)





- Cyan (12%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1659, 49.8901, 35.7345 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 52.1659, 49.8901, 35.7345 by changing the saturation by 10% instead.


 52.1659, 49.8901,
35.7345

 52.1659, 49.8901,
35.7345


385.3902,
386.2360, 342.8008

 37.3621, 35.3261,
23.9411


 92.5486, 90.0120,
69.7865

 25.6630, 23.9142,
15.0782


 118.8583,
116.3387, 92.8822

 16.7030, 15.2700,
8.7270


149.7340,
147.3551, 120.5825

 10.1170, 9.0091,
4.4692

185.5411,
183.4455, 153.3058

 5.5394, 4.7471,
1.8861

226.6449,
224.9945, 191.4708

 2.6051, 2.0997,
0.4839

273.4108,

 0.9485, 0.6644,

272.3863, 235.4959

0.0000

326.2041,
326.0053, 285.7998

0.0000, 0.0000,
0.0000

52.1659, 49.8901,
35.7345

52.1659, 49.8901,
35.7345

47.9009, 43.9759,
26.2484

57.0595, 56.5093,
47.1323

44.2326, 38.7351,
18.5643

62.6040, 63.8496,
60.5368

41.1318, 34.1439,
12.5660

68.8252, 71.9357,
76.0407

38.5649, 30.1741,
8.1224

75.7463, 80.7884,
93.7296

36.4943, 26.7951,
5.0824

82.2413, 89.9689,
107.6389

■ 34.8756, 23.9725,
3.2637

■ 84.5505, 94.5873,
108.4086

■ 33.9710, 22.3083,
2.5155

Harmonies

Analogous

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



55.5300, 49.8901, 43.3498



52.1659, 49.8901, 35.7345



47.6933, 49.8901, 32.9814

Triad

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



52.1659, 49.8901, 35.7345



39.2233, 49.8901, 53.5416



51.6622, 49.8901, 79.4485

Complementary

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



52.1659, 49.8901, 35.7345



45.7716, 51.3441, 78.0191

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.



47.1458, 49.8901, 83.3151



52.1659, 49.8901, 35.7345



40.1390, 49.8901, 67.0046

Square

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



52.1659, 49.8901, 35.7345



40.3845, 49.8901, 42.1920



42.9693, 49.8901, 78.4426



55.2264, 49.8901, 68.5786

Rectangle

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



52.1659, 49.8901, 35.7345



44.7460, 49.8901, 33.8769



42.9693, 49.8901, 78.4426



50.1965, 49.8901, 81.6797

Sweetspot

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



52.1672, 49.8924, 35.7355



86.3633, 88.7661, 87.0770



51.7100, 41.6856, 58.0644



18.2401, 18.6794, 18.0318



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.



52.1672, 49.8924, 35.7355



65.7519, 61.0842, 38.4619



60.3261, 66.2102, 38.4551



14.1302, 14.5463, 14.3698



19.8759, 13.1896, 1.4983



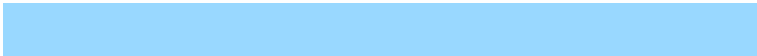
1.4620, 1.0829, 0.1320

Inverse Universe

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



45.7716, 51.3441, 78.0191



55.8451, 63.3087, 103.8842



38.5805, 36.9619, 75.6221



13.6581, 14.6553, 17.4966



13.3390, 14.1475, 43.0761



1.0100, 1.1515, 3.0143

Previews

White Background



This preview shows how the XYZ color 52.1659, 49.8901, 35.7345 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 52.1659, 49.8901, 35.7345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

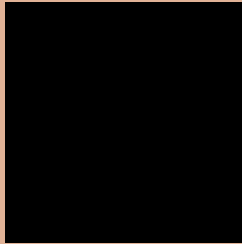
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1659, 49.8901, 35.7345

Background



This preview shows how black text looks on a background with the XYZ color 52.1659, 49.8901, 35.7345.



This preview shows how white text looks on a background with the XYZ color 52.1659, 49.8901,

35.7345.

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

52.1659, 49.8901, 35.7345

Protanopia

46.8918, 49.8795, 37.7281

Deuteranopia

51.0397, 49.9046, 35.7966



Tritanopia

55.8014, 49.9263, 53.1501

Trichromacy



Original Color

52.1659, 49.8901, 35.7345

Protanomaly

48.6224, 49.8463, 37.1956

Deuteranomaly

51.4439, 49.8144, 35.7579

Tritanomaly

54.5514, 50.0080, 46.3125

Monochromacy



Original Color

52.1659, 49.8901, 35.7345

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.4439, 50.3496, 47.6699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1659, 49.8901, 35.7345 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, 178, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 178, 150)  
}
```

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, 178, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 178, 150) }
```

Border

The CSS property to change the border of an element to XYZ 52.1659, 49.8901, 35.7345 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, 178, 150) }
```


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

```
.border{ border-color:rgb(224, 178, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 178, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 178, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 178, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 178,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1659, 49.8901, 35.7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 178, 150) }
```

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

```
.background{ background-color: rgb(224,  
178, 150) }
```

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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