

Converting Colors

XYZ(52.5208, 44.9335, 36.8431)

Have a look what the booklet for
XYZ(52.5208, 44.9335, 36.8431)
contains.

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Color

**XYZ(52.7482, 45.1703,
36.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA09B
RGB	235, 160, 155
RGB Percent	92%, 63%, 61%
CMY	0.0784, 0.3725, 0.3922
CMYK	0.00, 0.32, 0.34, 0.08
HSL	4°, 67%, 76%
HSV	4°, 34%, 92%
XYZ	52.7482, 45.1703, 36.9490
YIQ	181.8550, 46.3050, 14.3450

Conversions

Conversions Part 2

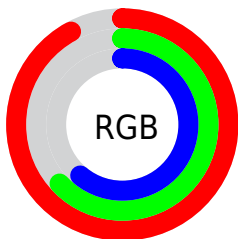
Format	Color
R _Y B	235, 160, 155
Decimal	15442075
CIE Lab	73.00, 27.25, 13.95
CIE LCh	73, 30.618, 27.113
Yxy	45.1703, 0.3911, 0.3349
Android (android.graphics.Color)	4293632155 (0xFFEBA09B)
YUV	181.8550, -13.2395, 46.6082
Hunter-Lab	67.2089, 22.4785, 14.4507

Details

The XYZ color **52.7482, 45.1703, 36.9490** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.8089, 69.5582, 89.0294**, and the grayscale version is **44.4377, 46.7519, 50.9128**.

A 20% lighter version of the original color is **77.0491, 74.4643, 70.6337**, and **25.9927, 21.0717, 15.7940** is the 20% darker color. If you saturate the color by 10%, you get **47.4769, 37.4846, 26.3842**, and if you desaturate by 10%, it is **59.0827, 54.3673, 49.7638**.

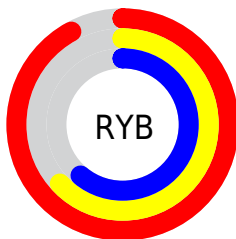
Distribution



Red (92%)

Green (63%)

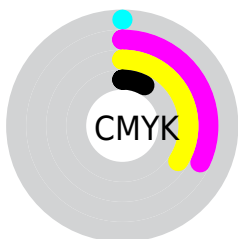
Blue (61%)



Red (92%)

Yellow (63%)

Blue (61%)

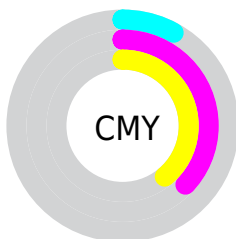


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (8%)



Cyan (8%)


Magenta (37%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7482, 45.1703, 36.9490 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 52.7482, 45.1703, 36.9490 by changing the saturation by 10% instead.


 52.7482, 45.1703,
36.9490

 52.7482, 45.1703,
36.9490


387.5950,
367.4628, 348.2517

 37.8285, 31.5916,
24.8725


 93.4015, 82.9759,
71.6798

 26.0262, 21.0497,
15.7640


 119.8657,
107.9716, 95.1712

 16.9760, 13.1604,
9.2047


150.9088,
137.5417, 123.3046

 10.3126, 7.5391,
4.7763

186.8962,
172.0707, 156.4987

 5.6706, 3.8015,
2.0602

228.1931,
211.9429, 195.1719

 2.6846, 1.5631,
0.5919

275.1650,

 0.9892, 0.3325,

257.5427, 239.7428

0.0000

328.1772,
309.2546, 290.6299

■ 0.0000, 0.0000,
0.0000

■ 52.7482, 45.1703,
36.9490

■ 52.7482, 45.1703,
36.9490

■ 47.4769, 37.4846,
26.3842

■ 59.0827, 54.3673,
49.7638

■ 43.2071, 31.2233,
17.9371

■ 66.5304, 65.1435,
64.9454

■ 39.8762, 26.3007,
11.4656

■ 75.1426, 77.5706,
82.6055

■ 37.4134, 22.6192,
6.8091

■ 84.9662, 91.7139,
102.8481

■ 35.7374, 20.0679,
3.7817

■ 88.0711, 96.4022,
108.5734

■ 34.7515, 18.5162,
2.1579

■ 34.4277, 17.9955,
1.6589

Harmonies

Analogous

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



54.0394, 45.1703, 50.6806



52.7482, 45.1703, 36.9490



48.7600, 45.1703, 28.3720

Triad

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



52.7482, 45.1703, 36.9490



34.8666, 45.1703, 34.8668



42.4173, 45.1703, 84.8329

Complementary

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



52.7482, 45.1703, 36.9490



56.8089, 69.5582, 89.0294

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.



37.5898, 45.1703, 78.2776



52.7482, 45.1703, 36.9490



33.4632, 45.1703, 47.7148

Square

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



52.7482, 45.1703, 36.9490



38.4166, 45.1703, 27.3568



34.4178, 45.1703, 63.8566



47.7902, 45.1703, 80.3165

Rectangle

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



52.7482, 45.1703, 36.9490



45.2667, 45.1703, 25.7047



34.4178, 45.1703, 63.8566



40.6809, 45.1703, 83.8242

Sweetspot

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



52.7494, 45.1725, 36.9499



84.0554, 84.1503, 86.3077



60.4065, 46.8749, 81.4656



17.6855, 17.5702, 17.8469



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.



52.7494, 45.1725, 36.9499



58.8367, 47.5872, 35.1287



60.6012, 60.8760, 39.5672



15.1411, 15.2052, 15.6556



19.1912, 10.0767, 0.9335



1.5336, 0.8446, 0.0822

Inverse Universe

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



56.8089, 69.5582, 89.0294



64.4195, 81.1646, 106.8788



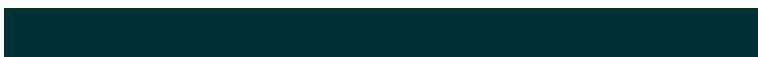
47.1443, 50.2289, 85.8079



15.4323, 16.9510, 19.3808



22.6687, 31.9843, 48.7218



1.8045, 2.5605, 3.8340

Previews

White Background



This preview shows how the XYZ color 52.7482, 45.1703, 36.9490 looks on a white background.

Color Contrast Check

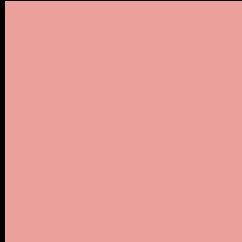
Large Text (above 18pt) WCAG AA × Fail

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 52.7482, 45.1703, 36.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

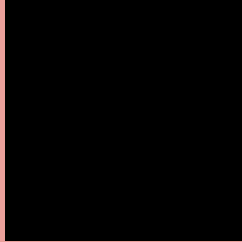
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7482, 45.1703, 36.9490

Background



This preview shows how black text looks on a background with the XYZ color 52.7482, 45.1703, 36.9490.



This preview shows how white text looks on a background with the XYZ color 52.7482, 45.1703,

36.9490.

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

52.7482, 45.1703, 36.9490

Protanopia

43.1613, 45.3959, 42.0848

Deuteranopia

46.1469, 45.3089, 36.4503



Tritanopia

54.0746, 45.1889, 43.9025

Trichromacy



Original Color

52.7482, 45.1703, 36.9490

Protanomaly

46.0874, 44.9156, 39.9587

Deuteranomaly

48.4506, 45.0901, 36.7215

Tritanomaly

53.7817, 45.3458, 41.5153

Monochromacy



Original Color

52.7482, 45.1703, 36.9490

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.6698, 45.6682, 45.3848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7482, 45.1703, 36.9490 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(235, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(235, 160, 155)  
}
```

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(235, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 160, 155) }
```

Border

The CSS property to change the border of an element to XYZ 52.7482, 45.1703, 36.9490 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(235, 160, 155) }
```


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

```
.border{ border-color:rgb(235, 160, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 160, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 160, 155);  
box-shadow:4px 4px 4px 4px rgb(235, 160,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7482, 45.1703, 36.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 160, 155) }
```

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

```
.background{ background-color: rgb(235,  
160, 155) }
```

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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