

Converting Colors

XYZ(49.8402, 41.6422, 32.6321)

Have a look what the booklet for
XYZ(49.8402, 41.6422, 32.6321)
contains.

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Color

**XYZ(50.0208, 41.8554,
32.6367)**

Conversions

Conversions Part 1

Format	Color
Hex	E99892
RGB	233, 152, 146
RGB Percent	91%, 60%, 57%
CMY	0.0863, 0.4039, 0.4274
CMYK	0.00, 0.35, 0.37, 0.09
HSL	4°, 66%, 74%
HSV	4°, 37%, 91%
XYZ	50.0208, 41.8554, 32.6367
YIQ	175.5350, 50.2020, 15.3060

Conversions

Conversions Part 2

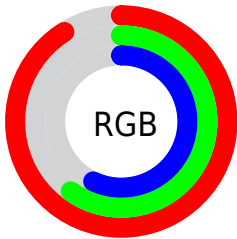
Format	Color
R_{YB}	233, 152, 146
Decimal	15308946
CIE _{Lab}	70.77, 29.67, 15.76
CIE _{LCh}	71, 33.595, 27.972
Yxy	41.8554, 0.4017, 0.3362
Android (android.graphics.Color)	4293499026 (0xFFE99892)
YUV	175.5350, -14.5608, 50.3968
Hunter-Lab	64.6957, 24.7932, 15.3773

Details

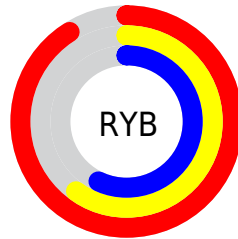
The XYZ color **50.0208, 41.8554, 32.6367** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.0300, 66.9298, 87.1618**, and the grayscale version is **41.0809, 43.2203, 47.0669**.

A 20% lighter version of the original color is **73.9782, 70.0558, 64.2666**, and **24.3477, 19.0728, 13.4645** is the 20% darker color. If you saturate the color by 10%, you get **45.1852, 34.7952, 22.9756**, and if you desaturate by 10%, it is **55.8718, 50.3550, 44.4593**.

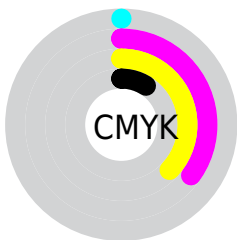
Distribution



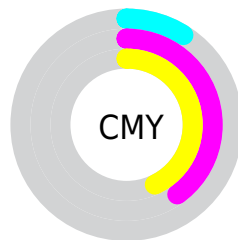
- Red (91%)
- Green (60%)
- Blue (57%)



- Red (91%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0208, 41.8554, 32.6367 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 50.0208, 41.8554, 32.6367 by changing the saturation by 10% instead.


 50.0208, 41.8554,
32.6367


 50.0208, 41.8554,
32.6367


377.1979,
353.8832, 328.5912

 35.6478, 28.9881,
21.5794

 89.3973, 77.9807,
64.9174

 24.3311, 19.0718,
13.3529


 115.1316,
102.0075, 86.9779

 15.7055, 11.7222,
7.5384


145.3836,
130.5230, 113.5432

 9.4055, 6.5548,
3.7175

180.5187,
163.9114, 145.0319

 5.0658, 3.1853,
1.4717

220.9024,
202.5572, 181.8625

 2.3211, 1.2292,
0.1967

266.8999,

 0.8054, 0.0854,

246.8449, 224.4535

0.0000

318.8766,
297.1587, 273.2236

■ 0.0000, 0.0000,
0.0000

■ 50.0208, 41.8554,
32.6367

■ 50.0208, 41.8554,
32.6367

■ 45.1852, 34.7952,
22.9756

■ 55.8718, 50.3550,
44.4593

■ 41.3041, 29.0891,
15.3430

■ 62.7880, 60.3612,
58.5608

■ 38.3149, 24.6520,
9.5949

■ 70.8200, 71.9441,
75.0529

■ 36.1463, 21.3869,
5.5672

■ 80.0142, 85.1679,
94.0392

■ 34.7162, 19.1826,
3.0680

■ 87.4143, 96.0636,
108.5427

■ 33.9224, 17.9055,
1.8463

■ 33.7908, 17.6966,
1.6348

Harmonies

Analogous

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



51.4860, 41.8554, 46.6684



50.0208, 41.8554, 32.6367



45.7425, 41.8554, 24.1859

Triad

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



50.0208, 41.8554, 32.6367



31.3685, 41.8554, 31.1537



39.4042, 41.8554, 83.6558

Complementary

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



50.0208, 41.8554, 32.6367



54.0300, 66.9298, 87.1618

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.



34.3637, 41.8554, 76.8711



50.0208, 41.8554, 32.6367



30.0020, 41.8554, 44.4957

Square

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



50.0208, 41.8554, 32.6367



34.9630, 41.8554, 23.4808



31.0459, 41.8554, 61.5436



45.0252, 41.8554, 78.4207

Rectangle

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



50.0208, 41.8554, 32.6367



42.0583, 41.8554, 21.6582



31.0459, 41.8554, 61.5436



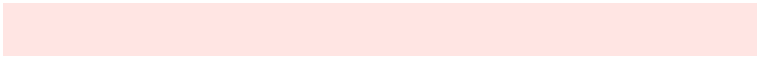
37.5900, 41.8554, 82.6780

Sweetspot

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



50.0219, 41.8574, 32.6375



83.0860, 82.7789, 84.2357



57.7761, 43.4389, 78.1573



17.4940, 17.3001, 17.4345



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.



50.0219, 41.8574, 32.6375



56.6087, 44.3941, 30.4930



58.3752, 58.5640, 35.4219



15.1489, 15.2209, 15.6582



19.2054, 10.1049, 0.9382



1.5374, 0.8521, 0.0834

Inverse Universe

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



54.0300, 66.9298, 87.1618



62.1926, 79.3875, 106.6532



43.6407, 46.1511, 83.6987



15.4235, 16.9335, 19.3778



22.4507, 31.5484, 48.6491



1.7897, 2.5309, 3.8291

Previews

White Background



This preview shows how the XYZ color 50.0208, 41.8554, 32.6367 looks on a white background.

Color Contrast Check

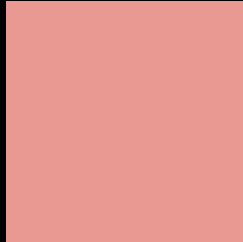
Large Text (above 18pt) WCAG AA × Fail

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 50.0208, 41.8554, 32.6367 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 50.0208, 41.8554, 32.6367

Background



This preview shows how black text looks on a background with the XYZ color 50.0208, 41.8554, 32.6367.



This preview shows how white text looks on a background with the XYZ color 50.0208, 41.8554,

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

50.0208, 41.8554, 32.6367

Protanopia

40.0854, 42.1452, 37.9204

Deuteranopia

42.8640, 42.0381, 31.8416



Tritanopia

51.2711, 41.8783, 39.0993

Trichromacy



Original Color

50.0208, 41.8554, 32.6367

Protanomaly

43.0243, 41.4895, 35.8776

Deuteranomaly

45.3949, 42.0004, 32.0999

Tritanomaly

50.9990, 42.0259, 36.8764

Monochromacy



Original Color

50.0208, 41.8554, 32.6367

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.6362, 42.2244, 41.4476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0208, 41.8554, 32.6367 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(233, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(233, 152, 146)  
}
```

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(233, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 152, 146) }
```

Border

The CSS property to change the border of an element to XYZ 50.0208, 41.8554, 32.6367 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(233, 152, 146) }
```


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

```
.border{ border-color:rgb(233, 152, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(233, 152,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0208, 41.8554, 32.6367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 152, 146) }
```

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

```
.background{ background-color: rgb(233,  
152, 146) }
```

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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