

Converting Colors

XYZ(50.1162, 43.3233, 30.2351)

Have a look what the booklet for
XYZ(50.1162, 43.3233, 30.2351)
contains.

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Color

**XYZ(50.1658, 43.4736,
30.1733)**

Conversions

Conversions Part 1

Format	Color
Hex	E89E8B
RGB	232, 158, 139
RGB Percent	91%, 62%, 55%
CMY	0.0902, 0.3804, 0.4549
CMYK	0.00, 0.32, 0.40, 0.09
HSL	12°, 67%, 73%
HSV	12°, 40%, 91%
XYZ	50.1658, 43.4736, 30.1733
YIQ	177.9600, 50.2030, 9.7790

Conversions

Conversions Part 2

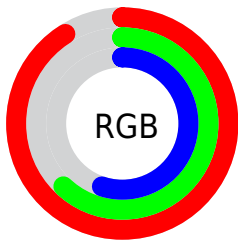
Format	Color
R _Y B	232, 163, 139
Decimal	15244939
CIE Lab	71.88, 25.30, 21.12
CIE LCh	72, 32.955, 39.850
Yxy	43.4736, 0.4052, 0.3511
Android (android.graphics.Color)	4293435019 (0xFFE89E8B)
YUV	177.9600, -19.2073, 47.3931
Hunter-Lab	65.9345, 20.4250, 19.0216

Details

The XYZ color **50.1658, 43.4736, 30.1733** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.0062, 58.9014, 85.1302**, and the grayscale version is **42.3765, 44.5834, 48.5513**.

A 20% lighter version of the original color is **74.6599, 72.6988, 60.5493**, and **24.4128, 20.0280, 12.0303** is the 20% darker color. If you saturate the color by 10%, you get **45.7316, 37.0362, 21.2008**, and if you desaturate by 10%, it is **55.4349, 51.0050, 41.1995**.

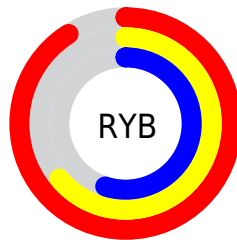
Distribution



Red (91%)

Green (62%)

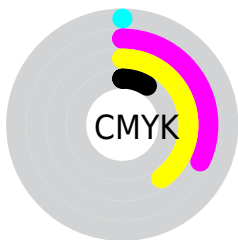
Blue (55%)



Red (91%)

Yellow (64%)

Blue (55%)

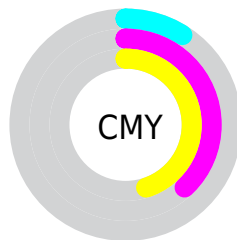


Cyan (0%)

Magenta (32%)

Yellow (40%)

Black (9%)



Cyan (9%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1658, 43.4736, 30.1733 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 50.1658, 43.4736, 30.1733 by changing the saturation by 10% instead.


 50.1658, 43.4736,
30.1733

 50.1658, 43.4736,
30.1733


377.7552,
360.5558, 316.9438


 35.7635, 30.2569,
19.7170

 89.6108, 80.4251,
61.0004

 24.4209, 20.0337,
12.0075


 115.3843,
104.9286, 82.2082

 15.7725, 12.4195,
6.6262

 145.6788,
133.9632, 107.8370

 9.4532, 7.0301,
3.1545

180.8598,
167.9132, 138.3053

 5.0974, 3.4809,
1.1741

221.2926,
207.1631, 174.0315

 2.3399, 1.3877,
0.0000

267.3425,

 0.8149, 0.2076,

252.0972, 215.4344

0.0000

319.3749,
303.1000, 262.9323

■ 0.0000, 0.0000,
0.0000

■ 50.1658, 43.4736,
30.1733

■ 50.1658, 43.4736,
30.1733

■ 45.7316, 37.0362,
21.2008

■ 55.4349, 51.0050,
41.1995

■ 42.0850, 31.6353,
14.1517

■ 61.5762, 59.6717,
54.3937

■ 39.1788, 27.2174,
8.8843

■ 68.6287, 69.5209,
69.8649

■ 36.9594, 23.7218,
5.2364

■ 76.6281, 80.5950,
87.7137

■ 35.3648, 21.0804,
3.0157

■ 85.6079, 92.9342,
108.0338

■ 34.3117, 19.2218,
1.9018

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



52.8835, 43.4736, 42.2454



50.1658, 43.4736, 30.1733



45.1481, 43.4736, 23.8560

Triad

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



50.1658, 43.4736, 30.1733



31.9997, 43.4736, 37.4725



43.1930, 43.4736, 84.7559

Complementary

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



50.1658, 43.4736, 30.1733



49.0062, 58.9014, 85.1302

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.



37.7153, 43.4736, 82.6573



50.1658, 43.4736, 30.1733



31.5790, 43.4736, 52.8185

Square

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



50.1658, 43.4736, 30.1733



34.7875, 43.4736, 27.3614



33.5810, 43.4736, 70.0147



48.6238, 43.4736, 75.2291

Rectangle

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



50.1658, 43.4736, 30.1733



41.3486, 43.4736, 22.6788



33.5810, 43.4736, 70.0147



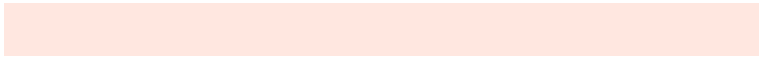
41.2922, 43.4736, 85.4289

Sweetspot

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



50.1669, 43.4757, 30.1742



83.2278, 83.6215, 82.5597



54.5727, 40.4459, 68.1480



17.5609, 17.5455, 17.1132



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.



50.1669, 43.4757, 30.1742



57.6070, 47.2643, 28.1324



59.5558, 62.2534, 33.3038



14.6144, 14.8426, 14.9991



19.1205, 10.8151, 1.0798



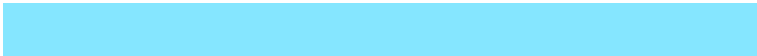
1.4784, 0.9301, 0.1016

Inverse Universe

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



49.0062, 58.9014, 85.1302



55.9530, 68.7604, 104.9308



39.0137, 38.9164, 81.7993



14.5442, 15.8098, 18.4294



17.7626, 22.5872, 45.8068



1.3760, 1.7959, 3.4061

Previews

White Background



This preview shows how the XYZ color 50.1658, 43.4736, 30.1733 looks on a white background.

Color Contrast Check

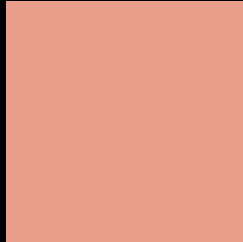
Large Text (above 18pt) WCAG AA × Fail

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 50.1658, 43.4736, 30.1733 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 50.1658, 43.4736, 30.1733

Background



This preview shows how black text looks on a background with the XYZ color 50.1658, 43.4736, 30.1733.



This preview shows how white text looks on a background with the XYZ color 50.1658, 43.4736,

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

50.1658, 43.4736, 30.1733

Protanopia

41.1203, 43.6279, 34.2707

Deuteranopia

44.4355, 43.4475, 29.7111



Tritanopia

52.3702, 43.3568, 41.6849

Trichromacy



Original Color

50.1658, 43.4736, 30.1733

Protanomaly

43.9274, 43.1168, 32.7952

Deuteranomaly

46.3615, 43.3442, 29.9675

Tritanomaly

51.3264, 43.1666, 37.0793

Monochromacy



Original Color

50.1658, 43.4736, 30.1733

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.5525, 43.8119, 41.2303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1658, 43.4736, 30.1733 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, 158, 139)` looks like.

```
.text, #text, p{  
    color:rgb(232, 158, 139)  
}
```

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, 158, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 158, 139) }
```

Border

The CSS property to change the border of an element to XYZ 50.1658, 43.4736, 30.1733 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, 158, 139) }
```


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

```
.border{ border-color:rgb(232, 158, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 158, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 158, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 158, 139);  
box-shadow:4px 4px 4px 4px rgb(232, 158,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1658, 43.4736, 30.1733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 158, 139) }
```

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

```
.background{ background-color: rgb(232,  
158, 139) }
```

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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