

Converting Colors

XYZ(50.9230, 43.3876, 33.2954)

Have a look what the booklet for
XYZ(50.9230, 43.3876, 33.2954)
contains.

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Color

**XYZ(50.7592, 43.2072,
33.2683)**

Conversions

Conversions Part 1

Format	Color
Hex	E99C93
RGB	233, 156, 147
RGB Percent	91%, 61%, 58%
CMY	0.0863, 0.3882, 0.4235
CMYK	0.00, 0.33, 0.37, 0.09
HSL	6°, 66%, 75%
HSV	6°, 37%, 91%
XYZ	50.7592, 43.2072, 33.2683
YIQ	177.9970, 48.7810, 13.5250

Conversions

Conversions Part 2

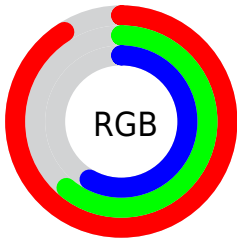
Format	Color
R _Y B	233, 157, 147
Decimal	15309971
CIE Lab	71.70, 27.66, 16.49
CIE LCh	72, 32.206, 30.804
Yxy	43.2072, 0.3989, 0.3396
Android (android.graphics.Color)	4293500051 (0xFFE99C93)
YUV	177.9970, -15.2815, 48.2376
Hunter-Lab	65.7322, 22.8086, 16.0047

Details

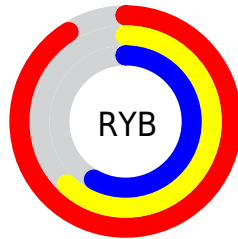
The XYZ color **50.7592, 43.2072, 33.2683** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.3951, 65.3949, 86.8990**, and the grayscale version is **42.3766, 44.5835, 48.5514**.

A 20% lighter version of the original color is **75.0769, 72.0656, 65.2114**, and **24.7408, 19.8591, 13.5955** is the 20% darker color. If you saturate the color by 10%, you get **45.9078, 36.1401, 23.5260**, and if you desaturate by 10%, it is **56.5843, 51.6289, 45.1629**.

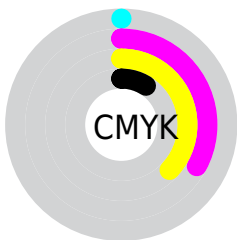
Distribution



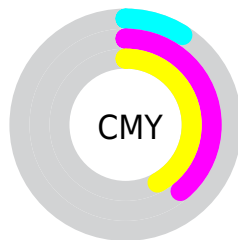
- Red (91%)
- Green (61%)
- Blue (58%)



- Red (91%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (9%)





- Cyan (9%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7592, 43.2072, 33.2683 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 50.7592, 43.2072, 33.2683 by changing the saturation by 10% instead.

 50.7592, 43.2072,
33.2683

 50.7592, 43.2072,
33.2683


380.0306,
359.4632, 331.5260

 36.2373, 30.0477,
22.0593

 90.4838, 80.0234,
65.9150

 24.7885, 19.8748,
13.7017

 116.4173,
104.4490, 88.1898

 16.0474, 12.3041,
7.7771


146.8852,
133.3987, 114.9902

 9.6488, 6.9511,
3.8669

182.2531,
167.2569, 146.7348

 5.2272, 3.4315,
1.5526

222.8862,
206.4081, 183.8421

 2.4173, 1.3610,
0.2567

269.1499,

 0.8537, 0.1877,

251.2366, 226.7308

0.0000

321.4096,
302.1268, 275.8192

0.0000, 0.0000,
0.0000

50.7592, 43.2072,
33.2683

50.7592, 43.2072,
33.2683

45.9078, 36.1401,
23.5260

56.5843, 51.6289,
45.1629

41.9736, 30.3507,
15.8047

63.4288, 61.4641,
59.3251

38.8992, 25.7645,
9.9628

71.3397, 72.7760,
75.8655

36.6195, 22.2963,
5.8392

80.3599, 85.6220,
94.8862

35.0599, 19.8497,
3.2456

87.4142, 96.0636,
108.5427

■ 34.1296, 18.3113,
1.9424

■ 33.9391, 17.9934,
1.6843

Harmonies

Analogous

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



52.4827, 43.2072, 46.6246



50.7592, 43.2072, 33.2683



46.4033, 43.2072, 25.3792

Triad

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



50.7592, 43.2072, 33.2683



32.5683, 43.2072, 33.8517



41.2146, 43.2072, 83.9618

Complementary

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



50.7592, 43.2072, 33.2683



53.3951, 65.3949, 86.8990

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.



36.1566, 43.2072, 78.4711



50.7592, 43.2072, 33.2683



31.4400, 43.2072, 47.4685

Square

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



50.7592, 43.2072, 33.2683



35.9227, 43.2072, 25.6598



32.6947, 43.2072, 64.1810



46.6807, 43.2072, 77.8791

Rectangle

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



50.7592, 43.2072, 33.2683



42.7676, 43.2072, 23.1716



32.6947, 43.2072, 64.1810



39.4124, 43.2072, 83.3990

Sweetspot

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



50.7603, 43.2093, 33.2691



83.3636, 83.3341, 84.3282



57.5470, 43.5950, 76.1874



17.5595, 17.4312, 17.4564



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.



50.7603, 43.2093, 33.2691



57.8291, 46.5298, 31.8405



59.2024, 60.0935, 36.0832



15.1924, 15.3078, 15.6727



19.2999, 10.2941, 0.9697



1.5581, 0.8936, 0.0904

Inverse Universe

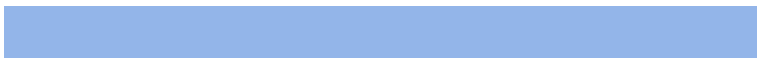
The Inverse Universe completely reimagines the original color for something new.



53.3951, 65.3949, 86.8990



61.4690, 77.2936, 106.2871



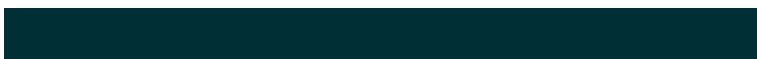
43.3463, 45.2973, 83.5494



15.3751, 16.8366, 19.3617



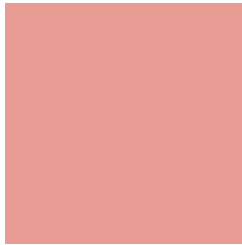
21.2822, 29.2113, 48.2596



1.7099, 2.3714, 3.8025

Previews

White Background



This preview shows how the XYZ color 50.7592, 43.2072, 33.2683 looks on a white background.

Color Contrast Check

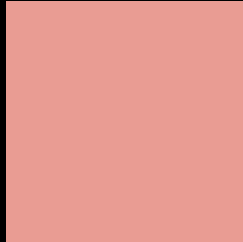
Large Text (above 18pt) WCAG AA × Fail

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 50.7592, 43.2072, 33.2683 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 50.7592, 43.2072, 33.2683

Background



This preview shows how black text looks on a background with the XYZ color 50.7592, 43.2072, 33.2683.



This preview shows how white text looks on a background with the XYZ color 50.7592, 43.2072,

33.2683.

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

50.7592, 43.2072, 33.2683

Protanopia

41.3783, 43.6753, 38.1476

Deuteranopia

44.2006, 43.2576, 32.8080



Tritanopia

52.4437, 43.1612, 41.1642

Trichromacy



Original Color

50.7592, 43.2072, 33.2683

Protanomaly

44.2949, 43.2324, 36.1471

Deuteranomaly

46.4881, 43.0733, 33.0579

Tritanomaly

51.6588, 43.0722, 37.9388

Monochromacy



Original Color

50.7592, 43.2072, 33.2683

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.6385, 43.5452, 42.6116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7592, 43.2072, 33.2683 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, 156, 147)` looks like.

```
.text, #text, p{  
    color:rgb(233, 156, 147)  
}
```

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, 156, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 156, 147) }
```

Border

The CSS property to change the border of an element to XYZ 50.7592, 43.2072, 33.2683 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, 156, 147) }
```


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

```
.border{ border-color:rgb(233, 156, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 156, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 156, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 156, 147);  
box-shadow:4px 4px 4px 4px rgb(233, 156,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7592, 43.2072, 33.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 156, 147) }
```

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

```
.background{ background-color: rgb(233,  
156, 147) }
```

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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