

Converting Colors

XYZ(51.5394, 42.7396, 34.7195)

Have a look what the booklet for
XYZ(51.5394, 42.7396, 34.7195)
contains.

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Color

**XYZ(51.5692, 42.8497,
34.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9997
RGB	236, 153, 151
RGB Percent	93%, 60%, 59%
CMY	0.0745, 0.4000, 0.4078
CMYK	0.00, 0.35, 0.36, 0.07
HSL	1°, 69%, 76%
HSV	1°, 36%, 93%
XYZ	51.5692, 42.8497, 34.8310
YIQ	177.5890, 50.1100, 16.9740

Conversions

Conversions Part 2

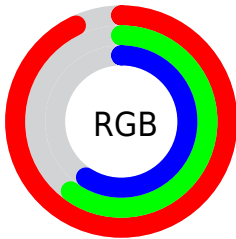
Format	Color
R _Y B	236, 153, 151
Decimal	15505815
CIE Lab	71.45, 30.85, 14.00
CIE LCh	71, 33.881, 24.402
Yxy	42.8497, 0.3990, 0.3315
Android (android.graphics.Color)	4293695895 (0xFFEC9997)
YUV	177.5890, -13.1084, 51.2264
Hunter-Lab	65.4597, 26.0680, 14.2737

Details

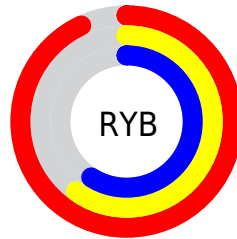
The XYZ color **51.5692, 42.8497, 34.8310** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.3244, 71.4783, 90.1322**, and the grayscale version is **42.1493, 44.3444, 48.2910**.

A 20% lighter version of the original color is **74.8153, 70.7795, 67.4762**, and **25.3140, 19.6924, 14.5234** is the 20% darker color. If you saturate the color by 10%, you get **46.4267, 35.3311, 24.5887**, and if you desaturate by 10%, it is **57.8258, 51.9825, 47.3382**.

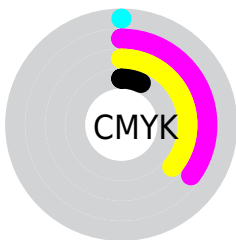
Distribution



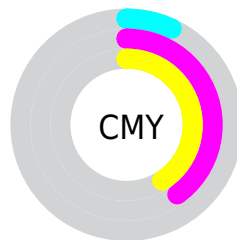
- Red (93%)
- Green (60%)
- Blue (59%)



- Red (93%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (35%)
- Yellow (36%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5692, 42.8497, 34.8310 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 51.5692, 42.8497, 34.8310 by changing the saturation by 10% instead.


 51.5692, 42.8497,
34.8310

 51.5692, 42.8497,
34.8310


383.1225,
357.9933, 338.7033

 36.8847, 29.7672,
23.2502


 91.6736, 79.4840,
68.3725

 25.2915, 19.6620,
14.5713


 117.8242,
103.8046, 91.1702

 16.4242, 12.1496,
8.3758

148.5275,
132.6400, 118.5441

 9.9176, 6.8456,
4.2452

184.1489,
166.3747, 150.9125

 5.4062, 3.3657,
1.7608

225.0538,
205.3929, 188.6942

 2.5247, 1.3255,
0.4019

271.6074,

 0.9077, 0.1608,

250.0792, 232.3075

0.0000

324.1752,
300.8178, 282.1710

■ 0.0000, 0.0000,
0.0000

■ 51.5692, 42.8497,
34.8310

■ 51.5692, 42.8497,
34.8310

■ 46.4267, 35.3311,
24.5887

■ 57.8258, 51.9825,
47.3382

■ 42.3300, 29.3270,
16.4735

■ 65.2531, 62.8090,
62.2320

■ 39.2082, 24.7365,
10.3366

■ 73.9077, 75.4110,
79.6280

■ 36.9805, 21.4440,
6.0090

■ 83.8415, 89.8634,
99.6341

■ 35.5530, 19.3155,
3.2933

■ 88.4021, 96.5729,
108.5889

■ 34.8108, 18.1880,
1.9459

■ 34.6525, 17.9537,
1.6390

Harmonies

Analogous

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



52.6638, 42.8497, 49.7916



51.5692, 42.8497, 34.8310



47.4601, 42.8497, 25.4701

Triad

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



51.5692, 42.8497, 34.8310



32.4344, 42.8497, 30.6387



39.6655, 42.8497, 85.4795

Complementary

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



51.5692, 42.8497, 34.8310



57.3244, 71.4783, 90.1322

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.



34.6635, 42.8497, 77.1874



51.5692, 42.8497, 34.8310



30.7463, 42.8497, 43.6550

Square

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



51.5692, 42.8497, 34.8310



36.3566, 42.8497, 23.4754



31.5227, 42.8497, 60.8937



45.4351, 42.8497, 81.5587

Rectangle

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



51.5692, 42.8497, 34.8310



43.7521, 42.8497, 22.4461



31.5227, 42.8497, 60.8937



37.8453, 42.8497, 83.9788

Sweetspot

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



51.5703, 42.8518, 34.8318



82.7349, 82.0767, 84.1187



60.5941, 45.9406, 83.9557



17.4112, 17.1345, 17.4069



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.



51.5703, 42.8518, 34.8318



56.9578, 44.4751, 32.5123



59.6746, 59.0604, 37.5333



15.0940, 15.1109, 15.6399



19.1141, 9.9225, 0.9078



1.5110, 0.7993, 0.0746

Inverse Universe

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



57.3244, 71.4783, 90.1322



64.7292, 83.1523, 107.2462



46.7711, 50.3717, 86.6144



15.4854, 17.0573, 19.3985



24.0242, 34.6953, 49.1736



1.8962, 2.7438, 3.8645

Previews

White Background



This preview shows how the XYZ color 51.5692, 42.8497, 34.8310 looks on a white background.

Color Contrast Check

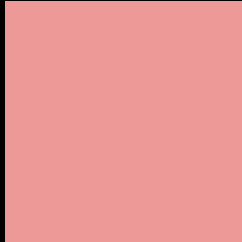
Large Text (above 18pt) WCAG AA × Fail

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 51.5692, 42.8497, 34.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

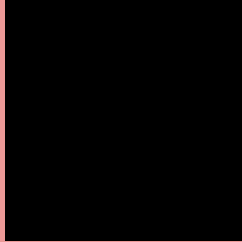
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5692, 42.8497, 34.8310

Background



This preview shows how black text looks on a background with the XYZ color 51.5692, 42.8497, 34.8310.



This preview shows how white text looks on a background with the XYZ color 51.5692, 42.8497,

34.8310.

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

51.5692, 42.8497, 34.8310

Protanopia

41.1430, 43.2137, 40.3550

Deuteranopia

43.8904, 43.0706, 34.0172



Tritanopia

52.6025, 42.7821, 40.1356

Trichromacy



Original Color

51.5692, 42.8497, 34.8310

Protanomaly

44.3474, 42.6626, 38.2451

Deuteranomaly

46.2536, 42.6605, 34.2302

Tritanomaly

52.4113, 42.9642, 38.3314

Monochromacy



Original Color

51.5692, 42.8497, 34.8310

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.8090, 43.3452, 43.0506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5692, 42.8497, 34.8310 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(236, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(236, 153, 151)  
}
```

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(236, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 153, 151) }
```

Border

The CSS property to change the border of an element to XYZ 51.5692, 42.8497, 34.8310 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(236, 153, 151) }
```


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

```
.border{ border-color:rgb(236, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(236, 153,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5692, 42.8497, 34.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 153, 151) }
```

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

```
.background{ background-color: rgb(236,  
153, 151) }
```

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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