

Converting Colors

XYZ(51.7526, 44.0126, 37.4910)

Have a look what the booklet for
XYZ(51.7526, 44.0126, 37.4910)
contains.

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Color

**XYZ(51.9169, 44.2117,
37.6957)**

Conversions

Conversions Part 1

Format	Color
Hex	E99E9D
RGB	233, 158, 157
RGB Percent	91%, 62%, 62%
CMY	0.0863, 0.3804, 0.3843
CMYK	0.00, 0.32, 0.33, 0.09
HSL	1°, 63%, 76%
HSV	1°, 33%, 91%
XYZ	51.9169, 44.2117, 37.6957
YIQ	180.3110, 45.0210, 15.5890

Conversions

Conversions Part 2

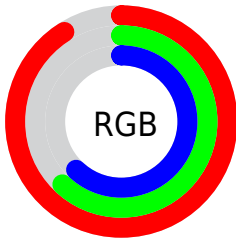
Format	Color
R _Y B	233, 158, 157
Decimal	15310493
CIE Lab	72.37, 27.82, 11.93
CIE LCh	72, 30.266, 23.209
Yxy	44.2117, 0.3879, 0.3304
Android (android.graphics.Color)	4293500573 (0xFFE99E9D)
YUV	180.3110, -11.4923, 46.2083
Hunter-Lab	66.4919, 23.0121, 12.9315

Details

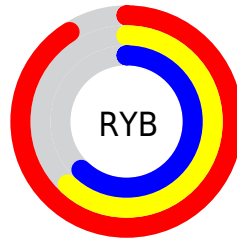
The XYZ color **51.9169, 44.2117, 37.6957** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4680, 70.7618, 87.7203**, and the grayscale version is **43.5935, 45.8637, 49.9456**.

A 20% lighter version of the original color is **76.9179, 73.6020, 72.4399**, and **25.4347, 20.4626, 16.2448** is the 20% darker color. If you saturate the color by 10%, you get **46.5525, 36.3685, 27.0114**, and if you desaturate by 10%, it is **58.3967, 53.6782, 50.6242**.

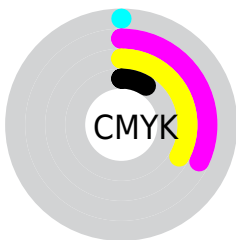
Distribution



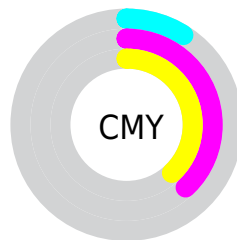
- Red (91%)
- Green (62%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (32%)
- Yellow (33%)
- Black (9%)





- Cyan (9%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9169, 44.2117, 37.6957 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 51.9169, 44.2117, 37.6957 by changing the saturation by 10% instead.


 51.9169, 44.2117,
37.6957

 51.9169, 44.2117,
37.6957


384.4449,
363.5715, 351.5718

 37.1628, 30.8370,
25.4466

 92.1836, 81.5362,
72.8397

 25.5079, 20.4747,
16.1881


 118.4270,
106.2548, 96.5717

 16.5866, 12.7406,
9.5015


149.2309,
135.5234, 124.9685

 10.0336, 7.2502,
4.9685

184.9606,
169.7265, 158.4484

 5.4837, 3.6190,
2.1704

225.9815,
209.2485, 197.4302

 2.5714, 1.4628,
0.6572

272.6589,

 0.9314, 0.2623,

254.4737, 242.3323

0.0000

325.3583,
305.7866, 293.5733

0.0000, 0.0000,
0.0000

51.9169, 44.2117,
37.6957

51.9169, 44.2117,
37.6957

46.5525, 36.3685,
27.0114

58.3967, 53.6782,
50.6242

42.2373, 30.0515,
18.4410

66.0460, 64.8451,
65.9116

38.9036, 25.1632,
11.8451

74.9199, 77.7925,
83.6683

36.4745, 21.5925,
7.0662

85.0686, 92.5933,
103.9967

34.8614, 19.2114,
3.9232

87.4143, 96.0636,
108.5427

■ 33.9581, 17.8670,
2.1975

■ 33.6377, 17.3905,
1.5838

Harmonies

Analogous

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



52.7740, 44.2117, 51.6118



51.9169, 44.2117, 37.6957



48.3111, 44.2117, 28.6261

Triad

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



51.9169, 44.2117, 37.6957



34.4997, 44.2117, 32.9208



40.8484, 44.2117, 82.6139

Complementary

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



51.9169, 44.2117, 37.6957



57.4680, 70.7618, 87.7203

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.



36.3037, 44.2117, 74.9612



51.9169, 44.2117, 37.6957



32.8394, 44.2117, 44.8256

Square

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



51.9169, 44.2117, 37.6957



38.1968, 44.2117, 26.2935



33.4715, 44.2117, 60.3523



46.0942, 44.2117, 79.6119

Rectangle

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



51.9169, 44.2117, 37.6957



44.9826, 44.2117, 25.5665



33.4715, 44.2117, 60.3523



39.1940, 44.2117, 81.1578

Sweetspot

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



51.9181, 44.2138, 37.6966



83.7043, 83.4482, 86.1907



60.3694, 47.3212, 83.0428



17.6015, 17.4022, 17.8189



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.



51.9181, 44.2138, 37.6966



59.2369, 47.7134, 37.3406



59.2054, 58.7885, 40.1257



15.0815, 15.0859, 15.6357



19.0938, 9.8818, 0.9010



1.5050, 0.7872, 0.0726

Inverse Universe

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



57.4680, 70.7618, 87.7203



67.0153, 84.9269, 107.4682



48.1281, 52.0819, 84.6069



15.4996, 17.0857, 19.4032



24.3968, 35.4407, 49.2979



1.9212, 2.7939, 3.8729

Previews

White Background



This preview shows how the XYZ color 51.9169, 44.2117, 37.6957 looks on a white background.

Color Contrast Check

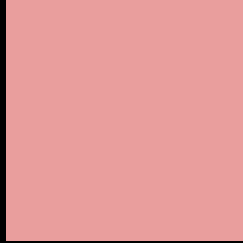
Large Text (above 18pt) WCAG AA × Fail

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 51.9169, 44.2117, 37.6957 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 51.9169, 44.2117, 37.6957

Background



This preview shows how black text looks on a background with the XYZ color 51.9169, 44.2117, 37.6957.



This preview shows how white text looks on a background with the XYZ color 51.9169, 44.2117,

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

51.9169, 44.2117, 37.6957

Protanopia

42.4644, 44.4246, 42.8959

Deuteranopia

45.1079, 44.1889, 37.1622



Tritanopia

52.8880, 44.0965, 42.7698

Trichromacy



Original Color

51.9169, 44.2117, 37.6957

Protanomaly

45.3427, 43.9504, 40.7438

Deuteranomaly

47.3685, 43.9689, 37.4427

Tritanomaly

52.6895, 44.2867, 40.8931

Monochromacy



Original Color

51.9169, 44.2117, 37.6957

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.7521, 44.6257, 45.2320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9169, 44.2117, 37.6957 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, 158, 157)` looks like.

```
.text, #text, p{  
    color:rgb(233, 158, 157)  
}
```

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, 158, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 158, 157) }
```

Border

The CSS property to change the border of an element to XYZ 51.9169, 44.2117, 37.6957 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, 158, 157) }
```


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

```
.border{ border-color:rgb(233, 158, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 158, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 158, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 158, 157);  
box-shadow:4px 4px 4px 4px rgb(233, 158,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9169, 44.2117, 37.6957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 158, 157) }
```

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

```
.background{ background-color: rgb(233,  
158, 157) }
```

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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