

Converting Colors

XYZ(44.1762, 33.4219, 23.8759)

Have a look what the booklet for
XYZ(44.1762, 33.4219, 23.8759)
contains.

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Color

**XYZ(44.1817, 33.4170,
23.8602)**

Conversions

Conversions Part 1

Format	Color
Hex	E77E7E
RGB	231, 126, 126
RGB Percent	91%, 49%, 49%
CMY	0.0941, 0.5059, 0.5059
CMYK	0.00, 0.45, 0.45, 0.09
HSL	0°, 69%, 70%
HSV	0°, 45%, 91%
XYZ	44.1817, 33.4170, 23.8602
YIQ	157.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

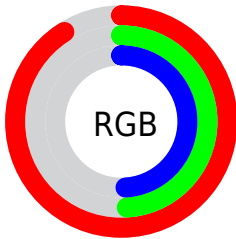
Format	Color
RYB	231, 126, 126
Decimal	15171198
CIELab	64.50, 40.35, 18.21
CIElCh	64, 44.270, 24.290
Yxy	33.4170, 0.4355, 0.3294
Android (android.graphics.Color)	4293361278 (0xFFE77E7E)
YUV	157.3950, -15.4777, 64.5516
Hunter-Lab	57.8074, 35.2629, 15.9931

Details

The XYZ color **44.1817, 33.4170, 23.8602** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.6022, 67.3535, 85.8818**, and the grayscale version is **32.2746, 33.9553, 36.9774**.

A 20% lighter version of the original color is **65.6979, 57.1572, 50.2176**, and **20.8016, 14.2040, 8.6665** is the 20% darker color. If you saturate the color by 10%, you get **40.2392, 27.6484, 16.0218**, and if you desaturate by 10%, it is **49.1519, 40.6903, 33.7395**.

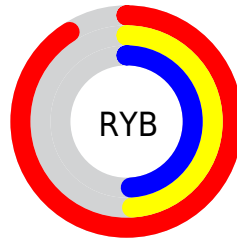
Distribution



Red (91%)

Green (49%)

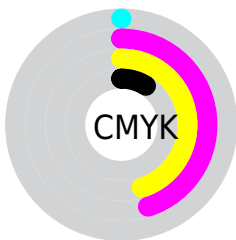
Blue (49%)



Red (91%)

Yellow (49%)

Blue (49%)

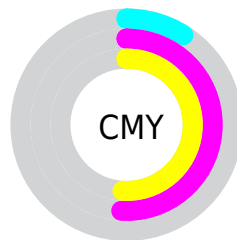


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (9%)



Cyan (9%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1817, 33.4170, 23.8602 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 44.1817, 33.4170, 23.8602 by changing the saturation by 10% instead.


 44.1817, 33.4170,
23.8602

 44.1817, 33.4170,
23.8602

354.2889,
317.5246, 285.3767

 31.0119, 22.4461,
15.0187

 80.7357, 65.0260,
50.7429

 20.7598, 14.1850,
8.6857


 104.8507, 86.4329,
69.6213

 13.0600, 8.2495,
4.4428


 133.3448,
112.0873, 92.6823

 7.5471, 4.2550,
1.8713

166.5833,
142.3735, 120.3445

 3.8559, 1.8172,
0.4744

204.9316,
177.6759, 153.0266

 1.6210, 0.4979,
0.0000

248.7551,

 0.4060, 0.0000,

218.3790, 191.1469

0.0000

298.4191,
264.8671, 235.1241

■ 0.0000, 0.0000,
0.0000

■ 44.1817, 33.4170,
23.8602

■ 44.1817, 33.4170,
23.8602

■ 40.2392, 27.6484,
16.0218

■ 49.1519, 40.6903,
33.7395

■ 37.2502, 23.2746,
10.0801

■ 55.2120, 49.5580,
45.7867

■ 35.1348, 20.1790,
5.8751

■ 62.4223, 60.1087,
60.1205

■ 33.7989, 18.2241,
3.2196

■ 70.8380, 72.4232,
76.8506

■ 33.1266, 17.2402,
1.8834

■ 80.5106, 86.5769,
96.0795

■ 32.9550, 16.9891,
1.5423

■ 86.7648, 95.7288,
108.5123

Harmonies

Analogous

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



45.4597, 33.4170, 39.9610



44.1817, 33.4170, 23.8602



39.3996, 33.4170, 14.8042

Triad

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



44.1817, 33.4170, 23.8602



22.8777, 33.4170, 19.6115



30.5675, 33.4170, 83.1898

Complementary

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



44.1817, 33.4170, 23.8602



51.6022, 67.3535, 85.8818

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.



25.1811, 33.4170, 72.6111



44.1817, 33.4170, 23.8602



21.1356, 33.4170, 33.0298

Square

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



44.1817, 33.4170, 23.8602



27.0188, 33.4170, 12.9823



21.9194, 33.4170, 52.6691



37.0298, 33.4170, 78.2421

Rectangle

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



44.1817, 33.4170, 23.8602



35.1688, 33.4170, 12.1066



21.9194, 33.4170, 52.6691



28.5823, 33.4170, 81.2476

Sweetspot

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



44.1826, 33.4187, 23.8608



79.4761, 77.2110, 77.9395



54.8396, 37.6803, 79.9836



16.5556, 15.8598, 15.7767



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.



44.1826, 33.4187, 23.8608



50.4233, 34.6983, 20.1842



52.7409, 50.5355, 26.7136



14.3771, 14.3681, 14.9200



18.4751, 9.5244, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



51.6022, 67.3535, 85.8818



60.8449, 82.3630, 107.2985



39.0482, 42.2455, 81.6971



14.8074, 16.3363, 18.5171



24.1043, 35.2707, 47.9207



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 44.1817, 33.4170, 23.8602 looks on a white background.

Color Contrast Check

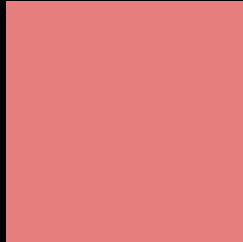
Large Text (above 18pt) WCAG AA × Fail

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 44.1817, 33.4170, 23.8602 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 44.1817, 33.4170, 23.8602

Background



This preview shows how black text looks on a background with the XYZ color 44.1817, 33.4170, 23.8602.



This preview shows how white text looks on a background with the XYZ color 44.1817, 33.4170,

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

44.1817, 33.4170, 23.8602

Protanopia

31.8004, 33.4866, 29.9868

Deuteranopia

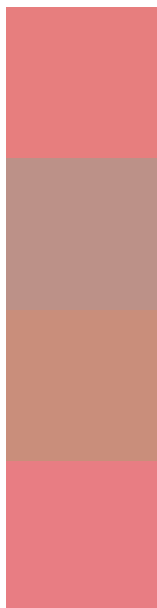
34.3466, 33.7287, 23.1124



Tritanopia

44.9154, 33.5443, 26.6616

Trichromacy



Original Color

44.1817, 33.4170, 23.8602

Protanomaly

35.3084, 32.7197, 27.7471

Deuteranomaly

37.3355, 33.1936, 23.1781

Tritanomaly

44.7091, 33.4617, 25.5751

Monochromacy



Original Color

44.1817, 33.4170, 23.8602

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

35.2344, 32.8234, 31.6726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1817, 33.4170, 23.8602 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(231, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 126, 126)  
}
```

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(231, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 126, 126) }
```

Border

The CSS property to change the border of an element to XYZ 44.1817, 33.4170, 23.8602 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(231, 126, 126) }
```


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

```
.border{ border-color:rgb(231, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 126, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 126, 126); box-shadow:4px 4px 4px 4px rgb(231, 126, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1817, 33.4170, 23.8602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 126, 126) }
```

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

```
.background{ background-color: rgb(231,  
126, 126) }
```

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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