

Converting Colors

XYZ(43.4935, 31.8205, 20.8124)

Have a look what the booklet for
XYZ(43.4935, 31.8205, 20.8124)
contains.

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Color

**XYZ(43.4120, 31.8016,
20.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	E97775
RGB	233, 119, 117
RGB Percent	91%, 47%, 46%
CMY	0.0863, 0.5333, 0.5412
CMYK	0.00, 0.49, 0.50, 0.09
HSL	1°, 72%, 69%
HSV	1°, 50%, 91%
XYZ	43.4120, 31.8016, 20.6799
YIQ	152.8580, 68.5860, 23.5460

Conversions

Conversions Part 2

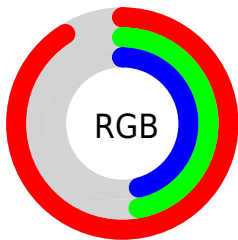
Format	Color
R _Y B	233, 119, 117
Decimal	15300469
CIE Lab	63.18, 43.77, 21.55
CIE LCh	63, 48.790, 26.214
Yxy	31.8016, 0.4527, 0.3316
Android (android.graphics.Color)	4293490549 (0xFFE97775)
YUV	152.8580, -17.6780, 70.2845
Hunter-Lab	56.3929, 38.7241, 17.7327

Details

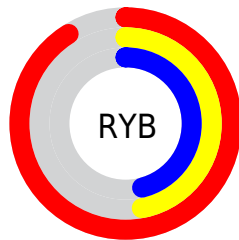
The XYZ color **43.4120, 31.8016, 20.6799** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **50.6184, 66.8136, 87.3191**, and the grayscale version is **30.2709, 31.8474, 34.6818**.

A 20% lighter version of the original color is **63.3450, 54.0117, 44.6228**, and **20.3149, 13.3282, 7.1321** is the 20% darker color. If you saturate the color by 10%, you get **39.8041, 26.5122, 13.5389**, and if you desaturate by 10%, it is **48.0188, 38.5434, 29.8362**.

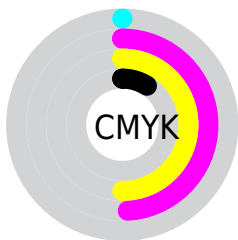
Distribution



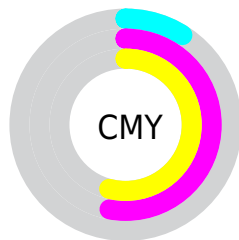
- Red (91%)
- Green (47%)
- Blue (46%)



- Red (91%)
- Yellow (47%)
- Blue (46%)



- Cyan (0%)
- Magenta (49%)
- Yellow (50%)
- Black (9%)




- Cyan (9%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4120, 31.8016, 20.6799 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 43.4120, 31.8016, 20.6799 by changing the saturation by 10% instead.


 43.4120, 31.8016,
20.6799


 43.4120, 31.8016,
20.6799


351.1962,
310.2145, 268.2974

 30.4044, 21.2100,
12.7013


 79.5841, 62.4999,
45.4280

 20.2954, 13.2776,
7.0949


 103.4793, 83.3755,
63.0346

 12.7194, 7.6200,
3.4421


 131.7344,
108.4477, 84.6876

 7.3113, 3.8528,
1.3246

164.7148,
138.1012, 110.8055

 3.7056, 1.5915,
0.0818

202.7858,
172.7202, 141.8069

 1.5370, 0.3519,
0.0000

246.3128,

 0.3508, 0.0000,

212.6892, 178.1103

0.0000

295.6612,
258.3924, 220.1343

■ 0.0000, 0.0000,
0.0000

■ 43.4120, 31.8016,
20.6799

■ 43.4120, 31.8016,
20.6799

■ 39.8041, 26.5122,
13.5389

■ 48.0188, 38.5434,
29.8362

■ 37.1189, 22.5640,
8.2598

■ 53.6883, 46.8281,
41.1424

■ 35.2735, 19.8379,
4.6700


■ 60.4820, 56.7448,
54.7232


■ 34.1686, 18.1919,
2.5638

■ 68.4559, 68.3744,
70.6937

■ 33.6560, 17.4229,
1.6035

■ 77.6623, 81.7924,
89.1608

 33.6479, 17.4111,
1.5872

 87.4142, 96.0636,
108.5427

Harmonies

Analogous

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



45.0944, 31.8016, 37.1365



43.4120, 31.8016, 20.6799



38.0237, 31.8016, 12.0283

Triad

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



43.4120, 31.8016, 20.6799



20.6818, 31.8016, 17.8122



29.3785, 31.8016, 86.4529

Complementary

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



43.4120, 31.8016, 20.6799



50.6184, 66.8136, 87.3191

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.



23.5755, 31.8016, 75.5556



43.4120, 31.8016, 20.6799



19.0488, 31.8016, 32.2323

Square

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



43.4120, 31.8016, 20.6799



24.8543, 31.8016, 10.8570



20.0242, 31.8016, 53.7511



36.3218, 31.8016, 79.7556

Rectangle

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



43.4120, 31.8016, 20.6799



33.4221, 31.8016, 9.6372



20.0242, 31.8016, 53.7511



27.2413, 31.8016, 84.6463

Sweetspot

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



43.4128, 31.8033, 20.6805



78.6509, 76.0948, 76.0177



54.3988, 35.8197, 79.6973



16.3999, 15.6535, 15.4007



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.



43.4128, 31.8033, 20.6805



48.6538, 32.2504, 16.2310



52.5242, 50.0261, 23.7176



15.0864, 15.0957, 15.6373



19.1018, 9.8978, 0.9037



1.5073, 0.7920, 0.0734

Inverse Universe

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



50.6184, 66.8136, 87.3191



58.4513, 79.8884, 106.9470



37.0007, 39.5780, 82.7798



15.4941, 17.0746, 19.4013



24.2500, 35.1470, 49.2489



1.9114, 2.7742, 3.8696

Previews

White Background



This preview shows how the XYZ color 43.4120, 31.8016, 20.6799 looks on a white background.

Color Contrast Check

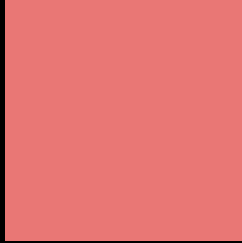
Large Text (above 18pt) WCAG AA × Fail

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 43.4120, 31.8016, 20.6799 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 43.4120, 31.8016, 20.6799

Background



This preview shows how black text looks on a background with the XYZ color 43.4120, 31.8016, 20.6799.



This preview shows how white text looks on a background with the XYZ color 43.4120, 31.8016,

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

43.4120, 31.8016, 20.6799

Protanopia

30.3228, 32.0530, 26.7790

Deuteranopia

32.6498, 31.9824, 19.7816



Tritanopia

44.1760, 31.9557, 23.5784

Trichromacy



Original Color

43.4120, 31.8016, 20.6799

Protanomaly

33.8492, 31.1469, 24.3066

Deuteranomaly

36.0703, 31.5237, 20.1032

Tritanomaly

43.9853, 31.8794, 22.5739

Monochromacy



Original Color

43.4120, 31.8016, 20.6799

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.5499, 30.8883, 29.0047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4120, 31.8016, 20.6799 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, 119, 117)` looks like.

```
.text, #text, p{  
    color:rgb(233, 119, 117)  
}
```

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, 119, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 119, 117) }
```

Border

The CSS property to change the border of an element to XYZ 43.4120, 31.8016, 20.6799 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, 119, 117) }
```


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

```
.border{ border-color:rgb(233, 119, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 119, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 119, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 119, 117);  
box-shadow:4px 4px 4px 4px rgb(233, 119,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4120, 31.8016, 20.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 119, 117) }
```

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

```
.background{ background-color: rgb(233,  
119, 117) }
```

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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