

Converting Colors

XYZ(43.9275, 31.8067, 20.8097)

Have a look what the booklet for
XYZ(43.9275, 31.8067, 20.8097)
contains.

XYZ(44.0094, 31.9270, 20.9825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.0094, 31.9270,
20.9825)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7676
RGB	235, 118, 118
RGB Percent	92%, 46%, 46%
CMY	0.0784, 0.5372, 0.5373
CMYK	0.00, 0.50, 0.50, 0.08
HSL	0°, 75%, 69%
HSV	0°, 50%, 92%
XYZ	44.0094, 31.9270, 20.9825
YIQ	152.9830, 69.7320, 24.8040

Conversions

Conversions Part 2

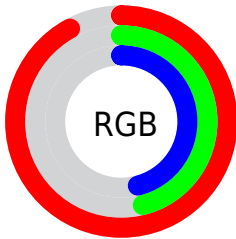
Format	Color
R _Y B	235, 118, 118
Decimal	15431286
CIE Lab	63.28, 45.08, 21.17
CIE LCh	63, 49.806, 25.157
Yxy	31.9270, 0.4541, 0.3294
Android (android.graphics.Color)	4293621366 (0xFFEB7676)
YUV	152.9830, -17.2466, 71.9289
Hunter-Lab	56.5040, 40.1468, 17.5357

Details

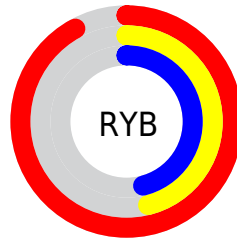
The XYZ color **44.0094, 31.9270, 20.9825** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.1732, 69.2628, 89.2163**, and the grayscale version is **30.3232, 31.9024, 34.7417**.

A 20% lighter version of the original color is **63.4393, 54.0494, 45.1192**, and **20.6750, 13.3367, 7.2789** is the 20% darker color. If you saturate the color by 10%, you get **40.3519, 26.5754, 13.7107**, and if you desaturate by 10%, it is **48.7056, 38.7994, 30.3171**.

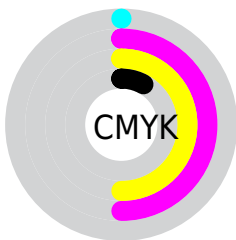
Distribution



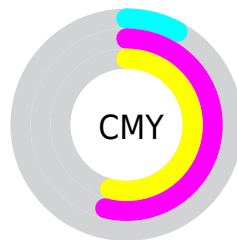
- Red (92%)
- Green (46%)
- Blue (46%)



- Red (92%)
- Yellow (46%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (8%)





- Cyan (8%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0094, 31.9270, 20.9825 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 44.0094, 31.9270, 20.9825 by changing the saturation by 10% instead.


 44.0094, 31.9270,
20.9825


 44.0094, 31.9270,
20.9825


353.5982,
310.7866, 269.9635

 30.8758, 21.3057,
12.9201


 80.4781, 62.6966,
45.9388

 20.6557, 13.3477,
7.2435

 104.5440, 83.6138,
63.6698

 12.9836, 7.6684,
3.5341


 132.9848,
108.7317, 85.4607

 7.4942, 3.8835,
1.3734

166.1657,
138.4348, 111.7302

 3.8221, 1.6086,
0.1208

204.4521,
173.1074, 142.8966

 1.6020, 0.3634,
0.0000

248.2094,

 0.3937, 0.0000,

213.1340, 179.3786

0.0000

297.8030,
258.8989, 221.5947

■ 0.0000, 0.0000,
0.0000

■ 44.0094, 31.9270,
20.9825

■ 44.0094, 31.9270,
20.9825

■ 40.3519, 26.5754,
13.7107

■ 48.7056, 38.7994,
30.3171

■ 37.6521, 22.6248,
8.3439

■ 54.5084, 47.2907,
41.8528

■ 35.8212, 19.9455,
4.7045

■ 61.4830, 57.4964,
55.7179

■ 34.7526, 18.3818,
2.5806

■ 69.6886, 69.5036,
72.0304

■ 34.2692, 17.6744,
1.6197

■ 79.1806, 83.3931,
90.9003

■ 34.2610, 17.6624,
1.6034

■ 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



45.5795, 31.9270, 38.0710



44.0094, 31.9270, 20.9825



38.5750, 31.9270, 11.9728

Triad

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



44.0094, 31.9270, 20.9825



20.7068, 31.9270, 17.2587



29.2392, 31.9270, 88.0373

Complementary

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



44.0094, 31.9270, 20.9825



52.1732, 69.2628, 89.2163

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.



23.3788, 31.9270, 76.2056



44.0094, 31.9270, 20.9825



18.9518, 31.9270, 31.6525

Square

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



44.0094, 31.9270, 20.9825



25.0476, 31.9270, 10.4646



19.8506, 31.9270, 53.5477



36.3426, 31.9270, 81.7487

Rectangle

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



44.0094, 31.9270, 20.9825



33.8731, 31.9270, 9.4499



19.8506, 31.9270, 53.5477



27.0720, 31.9270, 85.9502

Sweetspot

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



44.0102, 31.9287, 20.9831



78.4809, 75.7547, 75.9610



55.7348, 36.6174, 82.7274



16.3598, 15.5732, 15.3873



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.



44.0102, 31.9287, 20.9831



48.3904, 31.7236, 16.1432



53.1546, 50.2174, 24.0312



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



1.4973, 0.7719, 0.0701

Inverse Universe

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



52.1732, 69.2628, 89.2163



59.2869, 81.5597, 107.2256



38.0903, 41.0970, 84.5220



15.5177, 17.1218, 19.4092



24.8777, 36.4025, 49.4582



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 44.0094, 31.9270, 20.9825 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 44.0094, 31.9270, 20.9825 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 44.0094, 31.9270, 20.9825

Background



This preview shows how black text looks on a background with the XYZ color 44.0094, 31.9270, 20.9825.



This preview shows how white text looks on a background with the XYZ color 44.0094, 31.9270,

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

44.0094, 31.9270, 20.9825

Protanopia

30.4623, 32.1088, 27.5138

Deuteranopia

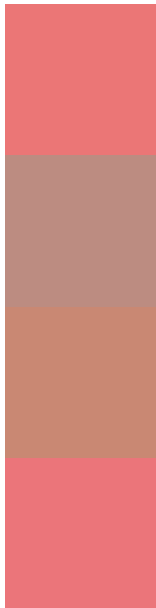
32.7058, 32.0048, 20.0765



Tritanopia

44.3239, 31.8654, 23.2165

Trichromacy



Original Color

44.0094, 31.9270, 20.9825

Protanomaly

34.0796, 31.0325, 24.9626

Deuteranomaly

35.9861, 31.2636, 20.3575

Tritanomaly

44.1351, 31.7899, 22.2222

Monochromacy



Original Color

44.0094, 31.9270, 20.9825

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.6401, 30.7169, 28.9669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0094, 31.9270, 20.9825 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(235, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(235, 118, 118)  
}
```

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(235, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 118, 118) }
```

Border

The CSS property to change the border of an element to XYZ 44.0094, 31.9270, 20.9825 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(235, 118, 118) }
```


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

```
.border{ border-color:rgb(235, 118, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 118, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(235, 118,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0094, 31.9270, 20.9825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 118, 118) }
```

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

```
.background{ background-color: rgb(235,  
118, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor