

Converting Colors

XYZ(44.5772, 31.5869, 19.7025)

Have a look what the booklet for
XYZ(44.5772, 31.5869, 19.7025)
contains.

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Color

**XYZ(44.6512, 31.6003,
19.6657)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7272
RGB	239, 114, 114
RGB Percent	94%, 45%, 45%
CMY	0.0627, 0.5529, 0.5529
CMYK	0.00, 0.52, 0.52, 0.06
HSL	0°, 80%, 69%
HSV	0°, 52%, 94%
XYZ	44.6512, 31.6003, 19.6657
YIQ	151.3750, 74.5000, 26.5000

Conversions

Conversions Part 2

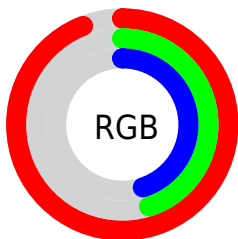
Format	Color
R_{YB}	239, 114, 114
Decimal	15692402
CIE _{Lab}	63.01, 48.12, 23.17
CIE _{LCh}	63, 53.412, 25.713
Yxy	31.6003, 0.4655, 0.3295
Android (android.graphics.Color)	4293882482 (0xFFEF7272)
YUV	151.3750, -18.4259, 76.8471
Hunter-Lab	56.2141, 43.4088, 18.6082

Details

The XYZ color **44.6512, 31.6003, 19.6657** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **53.3839, 71.5382, 92.6557**, and the grayscale version is **29.6314, 31.1745, 33.9490**.

A 20% lighter version of the original color is **62.3109, 52.3891, 42.9044**, and **20.9593, 13.0900, 6.5762** is the 20% darker color. If you saturate the color by 10%, you get **41.1116, 26.4213, 12.6284**, and if you desaturate by 10%, it is **49.2518, 38.3329, 28.8103**.

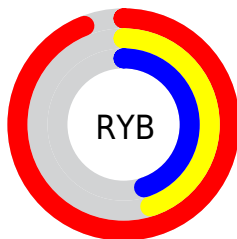
Distribution



Red (94%)

Green (45%)

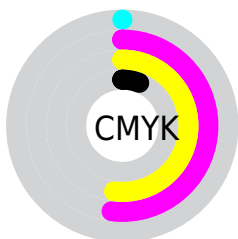
Blue (45%)



Red (94%)

Yellow (45%)

Blue (45%)

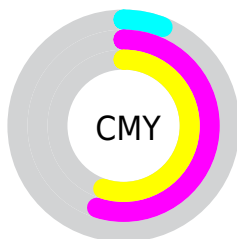


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (6%)



Cyan (6%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6512, 31.6003, 19.6657 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 44.6512, 31.6003, 19.6657 by changing the saturation by 10% instead.


 44.6512, 31.6003,
19.6657


 44.6512, 31.6003,
19.6657


356.1666,
309.2944, 262.6437

 31.3829, 21.0564,
11.9706


 81.4370, 62.1840,
43.7076


 21.0438, 13.1652,
6.6014


 105.6853, 82.9925,
60.8914

 13.2687, 7.5424,
3.1394


 134.3242,
107.9914, 82.0753

 7.6921, 3.8036,
1.1663

 167.7192,
137.5649, 107.6777

 3.9487, 1.5643,
0.0000

206.2355,
172.0977, 138.1172

 1.6732, 0.3334,
0.0000

250.2387,

 0.4394, 0.0000,

211.9739, 173.8124

0.0000

300.0939,
257.5780, 215.1817

■ 0.0000, 0.0000,
0.0000

■ 44.6512, 31.6003,
19.6657

■ 44.6512, 31.6003,
19.6657

■ 41.1116, 26.4213,
12.6284

■ 49.2518, 38.3329,
28.8103

■ 38.5463, 22.6675,
7.5290

■ 54.9864, 46.7243,
40.2103

■ 36.8589, 20.1981,
4.1748


■ 61.9242, 56.8762,
54.0023

■ 35.9320, 18.8418,
2.3326

■ 70.1282, 68.8810,
70.3116

■ 35.5966, 18.3509,
1.6659

■ 79.6571, 82.8245,
89.2548

 89.4065, 97.0906,
108.6359

Harmonies

Analogous

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



46.4460, 31.6003, 37.5221



44.6512, 31.6003, 19.6657



38.7200, 31.6003, 10.6313

Triad

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



44.6512, 31.6003, 19.6657



19.8069, 31.6003, 16.2732



28.9912, 31.6003, 92.6021

Complementary

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



44.6512, 31.6003, 19.6657



53.3839, 71.5382, 92.6557

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.



22.7569, 31.6003, 79.8485



44.6512, 31.6003, 19.6657



18.0321, 31.6003, 31.4699

Square

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



44.6512, 31.6003, 19.6657



24.3117, 31.6003, 9.3077



19.0173, 31.6003, 55.1231



36.5930, 31.6003, 85.2695

Rectangle

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



44.6512, 31.6003, 19.6657



33.6592, 31.6003, 8.2019



19.0173, 31.6003, 55.1231



26.6810, 31.6003, 90.4168

Sweetspot

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



44.6520, 31.6020, 19.6663



77.5009, 74.3208, 74.0129



57.1938, 36.6175, 85.7145



16.1668, 15.2909, 15.0038



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.



44.6520, 31.6020, 19.6663



47.3108, 30.1438, 13.9970



54.2574, 50.8128, 22.8681



15.7729, 15.7590, 16.3602



19.6716, 10.1412, 0.9206



1.6365, 0.8437, 0.0766

Inverse Universe

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



53.3839, 71.5382, 92.6557



58.4593, 81.1326, 107.1868



38.1431, 41.0567, 87.5754



16.2474, 17.9288, 20.3259



25.6653, 37.5548, 51.0240



2.1351, 3.1243, 4.2447

Previews

White Background



This preview shows how the XYZ color 44.6512, 31.6003, 19.6657 looks on a white background.

Color Contrast Check

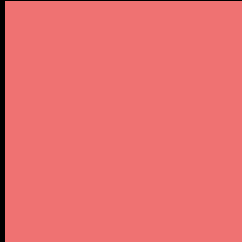
Large Text (above 18pt) WCAG AA × Fail

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 44.6512, 31.6003, 19.6657 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 44.6512, 31.6003, 19.6657

Background



This preview shows how black text looks on a background with the XYZ color 44.6512, 31.6003, 19.6657.



This preview shows how white text looks on a background with the XYZ color 44.6512, 31.6003,

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

44.6512, 31.6003, 19.6657

Protanopia

29.8903, 31.5960, 26.3530

Deuteranopia

32.2771, 31.5856, 18.5828



Tritanopia

44.9529, 31.5415, 21.8080

Trichromacy



Original Color

44.6512, 31.6003, 19.6657

Protanomaly

33.7764, 30.4764, 23.5044

Deuteranomaly

35.9682, 30.8725, 18.8151

Tritanomaly

44.7717, 31.4690, 20.8539

Monochromacy



Original Color

44.6512, 31.6003, 19.6657

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

33.2044, 30.0792, 28.1006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6512, 31.6003, 19.6657 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(239, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(239, 114, 114)  
}
```

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(239, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 114, 114) }
```

Border

The CSS property to change the border of an element to XYZ 44.6512, 31.6003, 19.6657 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(239, 114, 114) }
```


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

```
.border{ border-color:rgb(239, 114, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 114, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(239, 114,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6512, 31.6003, 19.6657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 114, 114) }
```

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

```
.background{ background-color: rgb(239,  
114, 114) }
```

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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