

Converting Colors

XYZ(44.1046, 31.2035, 19.3807)

Have a look what the booklet for
XYZ(44.1046, 31.2035, 19.3807)
contains.

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Color

**XYZ(44.1457, 31.1797,
19.3143)**

Conversions

Conversions Part 1

Format	Color
Hex	EE7171
RGB	238, 113, 113
RGB Percent	93%, 44%, 44%
CMY	0.0667, 0.5568, 0.5569
CMYK	0.00, 0.53, 0.53, 0.07
HSL	0°, 79%, 69%
HSV	0°, 53%, 93%
XYZ	44.1457, 31.1797, 19.3143
YIQ	150.3750, 74.5000, 26.5000

Conversions

Conversions Part 2

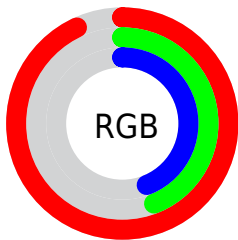
Format	Color
R_{YB}	238, 113, 113
Decimal	15626609
CIE _{Lab}	62.66, 48.17, 23.24
CIE _{LCh}	63, 53.484, 25.760
Yxy	31.1797, 0.4665, 0.3295
Android (android.graphics.Color)	4293816689 (0xFFEE7171)
YUV	150.3750, -18.4259, 76.8471
Hunter-Lab	55.8388, 43.4028, 18.5791

Details

The XYZ color **44.1457, 31.1797, 19.3143** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.8151, 70.8286, 91.7763**, and the grayscale version is **29.2035, 30.7244, 33.4589**.

A 20% lighter version of the original color is **62.0342, 51.9819, 42.3613**, and **20.6496, 12.8567, 6.3943** is the 20% darker color. If you saturate the color by 10%, you get **40.6612, 26.0814, 12.3866**, and if you desaturate by 10%, it is **48.6790, 37.8139, 28.3252**.

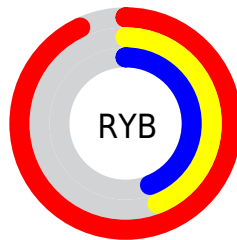
Distribution



Red (93%)

Green (44%)

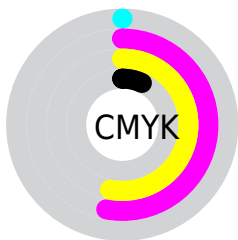
Blue (44%)



Red (93%)

Yellow (44%)

Blue (44%)

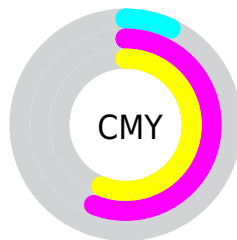


Cyan (0%)

Magenta (53%)

Yellow (53%)

Black (7%)



Cyan (7%)

Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1457, 31.1797, 19.3143 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 44.1457, 31.1797, 19.3143 by changing the saturation by 10% instead.


 44.1457, 31.1797,
19.3143


 44.1457, 31.1797,
19.3143

354.1447,
307.3653, 260.6587


 30.9835, 20.7357,
11.7185


 80.6819, 61.5229,
43.1083


 20.7380, 12.9310,
6.4321


 104.7866, 82.1909,
60.1435

 13.0440, 7.3810,
3.0366


 133.2696,
107.0357, 81.1623

 7.5361, 3.7015,
1.1133

 166.4960,
136.4416, 106.5832

 3.8488, 1.5080,
0.0000

204.8314,
170.7932, 136.8248

 1.6170, 0.2944,
0.0000

248.6411,

 0.4034, 0.0000,

210.4747, 172.3055

0.0000

298.2904,
255.8707, 213.4440

■ 0.0000, 0.0000,
0.0000

■ 44.1457, 31.1797,
19.3143

■ 44.1457, 31.1797,
19.3143

■ 40.6612, 26.0814,
12.3866

■ 48.6790, 37.8139,
28.3252

■ 38.1395, 22.3913,
7.3739

■ 54.3336, 46.0882,
39.5661

■ 36.4849, 19.9699,
4.0848


■ 61.1781, 56.1036,
53.1726

■ 35.5806, 18.6467,
2.2876

■ 69.2749, 67.9515,
69.2688

■ 35.2599, 18.1774,
1.6502

■ 78.6823, 81.7171,
87.9704

 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



45.9372, 31.1797, 37.0064



44.1457, 31.1797, 19.3143



38.2476, 31.1797, 10.3939

Triad

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



44.1457, 31.1797, 19.3143



19.4876, 31.1797, 15.9937



28.6105, 31.1797, 91.8234

Complementary

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



44.1457, 31.1797, 19.3143



52.8151, 70.8286, 91.7763

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.



22.4239, 31.1797, 79.1552



44.1457, 31.1797, 19.3143



17.7340, 31.1797, 31.0655

Square

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



44.1457, 31.1797, 19.3143



23.9486, 31.1797, 9.1024



18.7140, 31.1797, 54.5681



36.1579, 31.1797, 84.4925

Rectangle

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



44.1457, 31.1797, 19.3143



33.2208, 31.1797, 8.0034



18.7140, 31.1797, 54.5681



26.3177, 31.1797, 89.6583

Sweetspot

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



44.1465, 31.1814, 19.3149



77.5010, 74.3209, 74.0129



56.5976, 36.1606, 84.8853



16.1669, 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.



44.1465, 31.1814, 19.3149



47.3108, 30.1439, 13.9970



53.6680, 50.2244, 22.4887



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.



52.8151, 70.8286, 91.7763



58.4592, 81.1325, 107.1868



37.6702, 40.5388, 86.7280



16.2474, 17.9288, 20.3259



25.6652, 37.5547, 51.0240



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 44.1457, 31.1797, 19.3143 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 44.1457, 31.1797, 19.3143 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 44.1457, 31.1797, 19.3143

Background



This preview shows how black text looks on a background with the XYZ color 44.1457, 31.1797, 19.3143.



This preview shows how white text looks on a background with the XYZ color 44.1457, 31.1797,

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

44.1457, 31.1797, 19.3143

Protanopia

29.8222, 31.5687, 25.9943

Deuteranopia

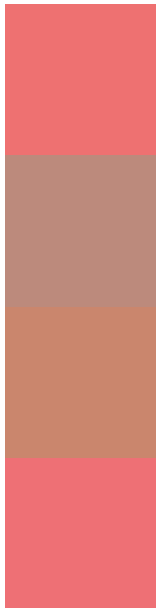
31.9888, 31.4431, 18.2930



Tritanopia

44.4442, 31.1215, 21.4339

Trichromacy



Original Color

44.1457, 31.1797, 19.3143

Protanomaly

33.4656, 30.3236, 23.1580

Deuteranomaly

35.6425, 30.7109, 18.5172

Tritanomaly

44.2650, 31.0498, 20.4898

Monochromacy



Original Color

44.1457, 31.1797, 19.3143

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.7524, 29.6425, 27.6623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1457, 31.1797, 19.3143 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(238, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(238, 113, 113)  
}
```

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(238, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 44.1457, 31.1797, 19.3143 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(238, 113, 113) }
```


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

```
.border{ border-color:rgb(238, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(238, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1457, 31.1797, 19.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 113, 113) }
```

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

```
.background{ background-color: rgb(238,  
113, 113) }
```

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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