

Converting Colors

XYZ(50.6388, 40.5416, 31.2660)

Have a look what the booklet for
XYZ(50.6388, 40.5416, 31.2660)
contains.

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Color

**XYZ(50.6799, 40.5847,
31.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	EF918F
RGB	239, 145, 143
RGB Percent	94%, 57%, 56%
CMY	0.0627, 0.4313, 0.4392
CMYK	0.00, 0.39, 0.40, 0.06
HSL	1°, 75%, 75%
HSV	1°, 40%, 94%
XYZ	50.6799, 40.5847, 31.1491
YIQ	172.8780, 56.6660, 19.3060

Conversions

Conversions Part 2

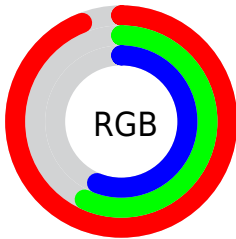
Format	Color
R_{YB}	239, 145, 143
Decimal	15700367
CIE _{Lab}	69.88, 35.26, 16.29
CIE _{LCh}	70, 38.842, 24.801
Yxy	40.5847, 0.4140, 0.3315
Android (android.graphics.Color)	4293890447 (0xFFEF918F)
YUV	172.8780, -14.7299, 57.9890
Hunter-Lab	63.7061, 30.5157, 15.6044

Details

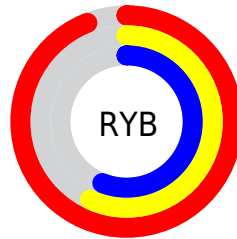
The XYZ color **50.6799, 40.5847, 31.1491** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.1904, 72.6368, 92.6672**, and the grayscale version is **39.7118, 41.7799, 45.4983**.

A 20% lighter version of the original color is **71.9723, 66.5998, 61.8850**, and **24.7125, 18.3223, 12.5900** is the 20% darker color. If you saturate the color by 10%, you get **45.8436, 33.5075, 21.5360**, and if you desaturate by 10%, it is **56.6404, 49.2929, 43.0405**.

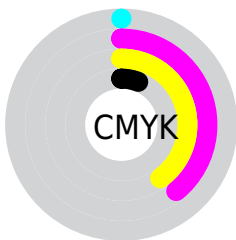
Distribution



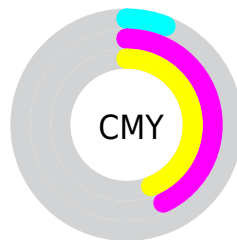
- Red (94%)
- Green (57%)
- Blue (56%)



- Red (94%)
- Yellow (57%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (40%)
- Black (6%)





- Cyan (6%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6799, 40.5847, 31.1491 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 50.6799, 40.5847, 31.1491 by changing the saturation by 10% instead.


 50.6799, 40.5847,
31.1491


 50.6799, 40.5847,
31.1491


379.7270,
348.5819, 321.5971

 36.1739, 27.9947,
20.4530


 90.3672, 76.0531,
62.5571

 24.7393, 18.3217,
12.5374

 116.2793, 99.7002,
84.1060

 16.0106, 11.1812,
6.9838


146.7242,
127.8019, 110.1096

 9.6226, 6.1888,
3.3737

182.0671,
160.7425, 140.9865

 5.2098, 2.9602,
1.2885

222.6735,
198.9064, 177.1551

 2.4069, 1.1110,
0.0523

268.9087,

 0.8485, 0.0000,

242.6780, 219.0341

0.0000

321.1381,
292.4417, 267.0419

■ 0.0000, 0.0000,
0.0000

■ 50.6799, 40.5847,
31.1491

■ 50.6799, 40.5847,
31.1491

■ 45.8436, 33.5075,
21.5360

■ 56.6404, 49.2929,
43.0405

■ 42.0582, 27.9544,
14.0535

■ 63.7861, 59.7185,
57.3404

■ 39.2464, 23.8152,
8.5403


■ 72.1775, 71.9488,
74.1721

■ 37.3193, 20.9623,
4.8111

■ 81.8699, 86.0636,
93.6496

■ 36.1716, 19.2452,
2.6454

■ 89.4065, 97.0907,
108.6359

 35.6507, 18.4591,
1.6840

Harmonies

Analogous

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



51.9743, 40.5847, 47.4161



50.6799, 40.5847, 31.1491



46.0052, 40.5847, 21.4295

Triad

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



50.6799, 40.5847, 31.1491



29.4789, 40.5847, 27.0235



37.4848, 40.5847, 88.6553

Complementary

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



50.6799, 40.5847, 31.1491



57.1904, 72.6368, 92.6672

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.



31.9904, 40.5847, 79.1320



50.6799, 40.5847, 31.1491



27.7019, 40.5847, 41.1134

Square

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



50.6799, 40.5847, 31.1491



33.7021, 40.5847, 19.5430



28.5688, 40.5847, 60.4406



43.8953, 40.5847, 83.8697

Rectangle

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



50.6799, 40.5847, 31.1491



41.8461, 40.5847, 18.4099



28.5688, 40.5847, 60.4406



35.4781, 40.5847, 86.9591

Sweetspot

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



50.6810, 40.5867, 31.1499



81.6847, 80.5352, 82.0454



60.7637, 44.1338, 85.7434



17.2009, 16.8255, 16.9932



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.



50.6810, 40.5867, 31.1499



54.1320, 40.3142, 26.9740



59.5363, 58.2974, 34.1017



15.7993, 15.8117, 16.3690



19.7131, 10.2243, 0.9345



1.6492, 0.8691, 0.0808

Inverse Universe

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



57.1904, 72.6368, 92.6672



62.6095, 82.0734, 107.1496



45.1917, 48.6394, 88.6677



16.2174, 17.8689, 20.3159



24.8836, 35.9914, 50.7634



2.0790, 3.0120, 4.2260

Previews

White Background



This preview shows how the XYZ color 50.6799, 40.5847, 31.1491 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 50.6799, 40.5847, 31.1491 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 50.6799, 40.5847, 31.1491

Background



This preview shows how black text looks on a background with the XYZ color 50.6799, 40.5847, 31.1491.



This preview shows how white text looks on a background with the XYZ color 50.6799, 40.5847,

31.1491.

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

50.6799, 40.5847, 31.1491

Protanopia

38.9238, 40.9911, 37.3131

Deuteranopia

41.7419, 40.9458, 30.5142



Tritanopia

51.5904, 40.5033, 35.6707

Trichromacy



Original Color

50.6799, 40.5847, 31.1491

Protanomaly

42.3257, 40.3544, 34.8365

Deuteranomaly

44.7661, 40.6729, 30.6905

Tritanomaly

51.4135, 40.6738, 33.9952

Monochromacy



Original Color

50.6799, 40.5847, 31.1491

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.6447, 40.6733, 39.7855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6799, 40.5847, 31.1491 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, 145, 143)` looks like.

```
.text, #text, p{  
    color:rgb(239, 145, 143)  
}
```

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, 145, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 145, 143) }
```

Border

The CSS property to change the border of an element to XYZ 50.6799, 40.5847, 31.1491 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, 145, 143) }
```


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

```
.border{ border-color:rgb(239, 145, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 145, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 145, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 145, 143);  
box-shadow:4px 4px 4px 4px rgb(239, 145,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6799, 40.5847, 31.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 145, 143) }
```

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

```
.background{ background-color: rgb(239,  
145, 143) }
```

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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