

Converting Colors

XYZ(51.2109, 40.7554, 28.7525)

Have a look what the booklet for
XYZ(51.2109, 40.7554, 28.7525)
contains.

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Color

**XYZ(51.1066, 40.6299,
28.8157)**

Conversions

Conversions Part 1

Format	Color
Hex	F29089
RGB	242, 144, 137
RGB Percent	95%, 56%, 54%
CMY	0.0510, 0.4353, 0.4627
CMYK	0.00, 0.40, 0.43, 0.05
HSL	4°, 80%, 74%
HSV	4°, 43%, 95%
XYZ	51.1066, 40.6299, 28.8157
YIQ	172.5040, 60.6550, 18.5990

Conversions

Conversions Part 2

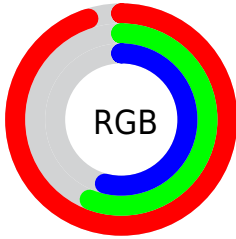
Format	Color
R _Y B	242, 145, 137
Decimal	15896713
CIE Lab	69.92, 36.26, 19.72
CIE LCh	70, 41.274, 28.547
Yxy	40.6299, 0.4239, 0.3370
Android (android.graphics.Color)	4294086793 (0xFFFF29089)
YUV	172.5040, -17.5035, 60.9480
Hunter-Lab	63.7416, 31.5696, 17.8158

Details

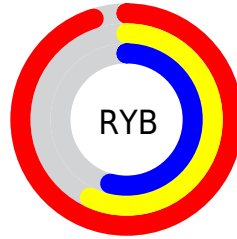
The XYZ color **51.1066, 40.6299, 28.8157** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.0505, 71.1428, 94.7821**, and the grayscale version is **39.5337, 41.5925, 45.2943**.

A 20% lighter version of the original color is **70.9577, 65.8246, 57.6807**, and **25.0759, 18.4097, 11.2486** is the 20% darker color. If you saturate the color by 10%, you get **46.4761, 33.8424, 19.6469**, and if you desaturate by 10%, it is **56.8128, 48.9457, 40.2645**.

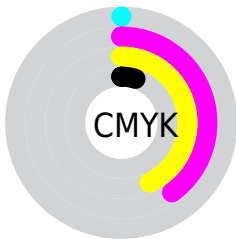
Distribution



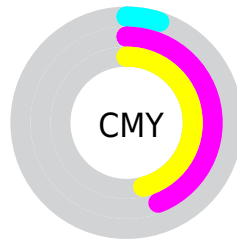
- Red (95%)
- Green (56%)
- Blue (54%)



- Red (95%)
- Yellow (57%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (43%)
- Black (5%)





- Cyan (5%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1066, 40.6299, 28.8157 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 51.1066, 40.6299, 28.8157 by changing the saturation by 10% instead.


 51.1066, 40.6299,
28.8157


 51.1066, 40.6299,
28.8157


381.3586,
348.7714, 310.3781


 36.5148, 28.0300,
18.6971


 90.9944, 76.1218,
58.8228

 25.0040, 18.3483,
11.2770


 117.0211, 99.7825,
79.5484

 16.2088, 11.2003,
6.1370

 147.5902,
127.8990, 104.6467

 9.7638, 6.2017,
2.8584

183.0670,
160.8556, 134.5363

 5.3037, 2.9681,
1.0228

223.8169,
199.0368, 169.6357

 2.4631, 1.1151,
0.0000

270.2053,

 0.8767, 0.0000,

242.8269, 210.3634

0.0000

322.5974,
292.6103, 257.1380

■ 0.0000, 0.0000,
0.0000

■ 51.1066, 40.6299,
28.8157

■ 51.1066, 40.6299,
28.8157

■ 46.4761, 33.8424,
19.6469

■ 56.8128, 48.9457,
40.2645

■ 42.8507, 28.4844,
12.6032

■ 63.6531, 58.8686,
54.1292

■ 40.1565, 24.4554,
7.5145


■ 71.6854, 70.4790,
70.5382

■ 38.3080, 21.6391,
4.1832

■ 80.9627, 83.8505,
89.6098

■ 37.2035, 19.8988,
2.3703

■ 90.4279, 97.6172,
108.6837

 36.8054, 19.2522,
1.7762

Harmonies

Analogous

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



53.0172, 40.6299, 45.1831



51.1066, 40.6299, 28.8157



45.7544, 40.6299, 19.5970

Triad

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



51.1066, 40.6299, 28.8157



28.6165, 40.6299, 27.6128



38.2911, 40.6299, 92.4602

Complementary

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



51.1066, 40.6299, 28.8157



56.0505, 71.1428, 94.7821

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.



32.2642, 40.6299, 83.8779



51.1066, 40.6299, 28.8157



27.0942, 40.6299, 43.3082

Square

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



51.1066, 40.6299, 28.8157



32.7698, 40.6299, 19.0573



28.3493, 40.6299, 64.3687



45.1226, 40.6299, 85.3222

Rectangle

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



51.1066, 40.6299, 28.8157



41.2385, 40.6299, 16.9923



28.3493, 40.6299, 64.3687



36.1100, 40.6299, 91.2810

Sweetspot

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



51.1076, 40.6319, 28.8165



81.0770, 79.8704, 80.1452



60.5592, 42.7671, 83.6603



16.8975, 16.4368, 16.2195



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.



51.1076, 40.6319, 28.8165



52.9272, 38.9741, 23.2757



60.9864, 60.3894, 32.1094



15.8575, 15.9280, 16.3884



19.8060, 10.4101, 0.9654



1.6771, 0.9249, 0.0901

Inverse Universe

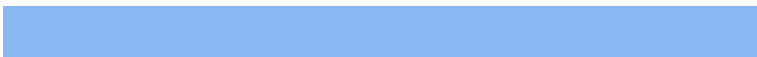
The Inverse Universe completely reimagines the original color for something new.



56.0505, 71.1428, 94.7821



59.1352, 77.3916, 106.4291



43.1744, 45.3906, 90.4901



16.1518, 17.7378, 20.2940



23.2390, 32.7023, 50.2152



1.9602, 2.7745, 4.1864

Previews

White Background



This preview shows how the XYZ color 51.1066, 40.6299, 28.8157 looks on a white background.

Color Contrast Check

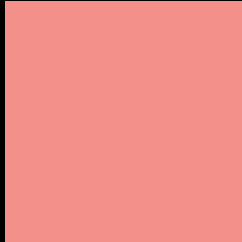
Large Text (above 18pt) WCAG AA × Fail

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 51.1066, 40.6299, 28.8157 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 51.1066, 40.6299, 28.8157

Background



This preview shows how black text looks on a background with the XYZ color 51.1066, 40.6299, 28.8157.



This preview shows how white text looks on a background with the XYZ color 51.1066, 40.6299,

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

51.1066, 40.6299, 28.8157

Protanopia

38.6583, 40.9115, 34.7134

Deuteranopia

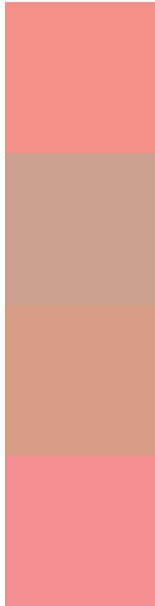
41.5965, 40.6619, 27.8465



Tritanopia

52.3026, 40.6677, 34.7988

Trichromacy



Original Color

51.1066, 40.6299, 28.8157

Protanomaly

42.2128, 40.0906, 32.3015

Deuteranomaly

44.6789, 40.4341, 28.0040

Tritanomaly

52.0511, 40.8062, 32.7368

Monochromacy



Original Color

51.1066, 40.6299, 28.8157

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.5542, 40.3845, 38.8098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1066, 40.6299, 28.8157 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(242, 144, 137)` looks like.

```
.text, #text, p{  
    color:rgb(242, 144, 137)  
}
```

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(242, 144, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 144, 137) }
```

Border

The CSS property to change the border of an element to XYZ 51.1066, 40.6299, 28.8157 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(242, 144, 137) }
```


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

```
.border{ border-color:rgb(242, 144, 137) }
```

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

Here you see how a box with a 4 pixel rgb(242, 144, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 144, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 144, 137);  
box-shadow:4px 4px 4px 4px rgb(242, 144,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1066, 40.6299, 28.8157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 144, 137) }
```

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

```
.background{ background-color: rgb(242,  
144, 137) }
```

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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