

Converting Colors

XYZ(50.5941, 39.4893, 29.7942)

Have a look what the booklet for
XYZ(50.5941, 39.4893, 29.7942)
contains.

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Color

**XYZ(50.7297, 39.5269,
29.7666)**

Conversions

Conversions Part 1

Format	Color
Hex	F28C8C
RGB	242, 140, 140
RGB Percent	95%, 55%, 55%
CMY	0.0510, 0.4510, 0.4510
CMYK	0.00, 0.42, 0.42, 0.05
HSL	0°, 80%, 75%
HSV	0°, 42%, 95%
XYZ	50.7297, 39.5269, 29.7666
YIQ	170.4980, 60.7920, 21.6240

Conversions

Conversions Part 2

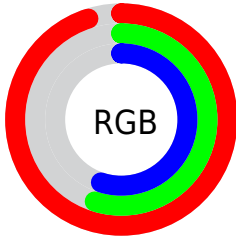
Format	Color
R _Y B	242, 140, 140
Decimal	15895692
CIE Lab	69.13, 38.64, 16.97
CIE LCh	69, 42.201, 23.718
Yxy	39.5269, 0.4227, 0.3293
Android (android.graphics.Color)	4294085772 (0xFFFF28C8C)
YUV	170.4980, -15.0355, 62.7073
Hunter-Lab	62.8704, 34.0072, 15.9379

Details

The XYZ color **50.7297, 39.5269, 29.7666** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5927, 75.4871, 95.4867**, and the grayscale version is **38.5097, 40.5152, 44.1211**.

A 20% lighter version of the original color is **70.4927, 64.1853, 59.7126**, and **24.8636, 17.7849, 11.7952** is the 20% darker color. If you saturate the color by 10%, you get **45.9821, 32.5802, 20.3274**, and if you desaturate by 10%, it is **56.6492, 48.1894, 41.5329**.

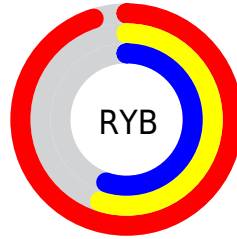
Distribution



Red (95%)

Green (55%)

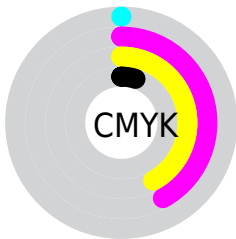
Blue (55%)



Red (95%)

Yellow (55%)

Blue (55%)

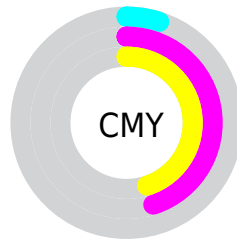


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (5%)



Cyan (5%)


Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7297, 39.5269, 29.7666 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 50.7297, 39.5269, 29.7666 by changing the saturation by 10% instead.


 50.7297, 39.5269,
29.7666


 50.7297, 39.5269,
29.7666


379.9177,
344.1255, 314.9884


 36.2137, 27.1699,
19.4110


 90.4405, 74.4426,
60.3495

 24.7702, 17.7008,
11.7878

 116.3660, 97.7700,
81.4139

 16.0337, 10.7354,
6.4786

 146.8253,
125.5230, 106.8848

 9.6390, 5.8892,
3.0647

182.1839,
158.0859, 137.1810

 5.2207, 2.7778,
1.1278

222.8071,
195.8433, 172.7209

 2.4134, 1.0169,
0.0000

269.0602,

 0.8518, 0.0000,

239.1794, 213.9231

0.0000

321.3086,
288.4787, 261.2061

■ 0.0000, 0.0000,
0.0000

■ 50.7297, 39.5269,
29.7666

■ 50.7297, 39.5269,
29.7666

■ 45.9821, 32.5802,
20.3274

■ 56.6492, 48.1894,
41.5329

■ 42.3257, 27.2298,
13.0591

■ 63.8080, 58.6647,
55.7643

■ 39.6748, 23.3507,
7.7895

■ 72.2720, 71.0499,
72.5904

■ 37.9293, 20.7964,
4.3199

■ 82.1016, 85.4334,
92.1314

■ 36.9686, 19.3905,
2.4104

■ 90.4279, 97.6172,
108.6837

■ 36.6181, 18.8775,
1.7137

Harmonies

Analogous

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



51.9823, 39.5269, 47.2293



50.7297, 39.5269, 29.7666



45.7734, 39.5269, 19.5132

Triad

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



50.7297, 39.5269, 29.7666



28.0591, 39.5269, 24.5961



36.1685, 39.5269, 91.4873

Complementary

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



50.7297, 39.5269, 29.7666



58.5927, 75.4871, 95.4867

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.



30.4089, 39.5269, 80.4341



50.7297, 39.5269, 29.7666



26.1017, 39.5269, 39.1024

Square

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



50.7297, 39.5269, 29.7666



32.5929, 39.5269, 17.2127



26.9076, 39.5269, 59.7632



43.0278, 39.5269, 86.7561

Rectangle

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



50.7297, 39.5269, 29.7666



41.3217, 39.5269, 16.3343



26.9076, 39.5269, 59.7632



34.0509, 39.5269, 89.4102

Sweetspot

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



50.7307, 39.5289, 29.7673



80.4867, 78.6898, 79.9484



62.0232, 44.0445, 89.2368



16.7544, 16.1507, 16.1719



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.



50.7307, 39.5289, 29.7673



52.2667, 37.3959, 23.8487



59.9825, 58.0325, 32.8513



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.



58.5927, 75.4871, 95.4867



62.2577, 83.0914, 107.3647



45.4733, 49.2481, 91.1135



16.2474, 17.9288, 20.3259



25.6652, 37.5546, 51.0239



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 50.7297, 39.5269, 29.7666 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 50.7297, 39.5269, 29.7666 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 50.7297, 39.5269, 29.7666

Background



This preview shows how black text looks on a background with the XYZ color 50.7297, 39.5269, 29.7666.



This preview shows how white text looks on a background with the XYZ color 50.7297, 39.5269,

29.7666.

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

50.7297, 39.5269, 29.7666

Protanopia

37.9252, 39.9391, 36.2820

Deuteranopia

40.5671, 39.8423, 28.8448



Tritanopia

51.6196, 39.6899, 33.3740

Trichromacy



Original Color

50.7297, 39.5269, 29.7666

Protanomaly

41.4711, 38.9030, 33.7570

Deuteranomaly

43.6773, 39.3950, 28.9689

Tritanomaly

51.3831, 39.5952, 32.1286

Monochromacy



Original Color

50.7297, 39.5269, 29.7666

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.9419, 39.5500, 38.6810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7297, 39.5269, 29.7666 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, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(242, 140, 140)  
}
```

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, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 50.7297, 39.5269, 29.7666 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, 140, 140) }
```


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

```
.border{ border-color:rgb(242, 140, 140) }
```

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

Here you see how a box with a 4 pixel rgb(242, 140, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(242, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7297, 39.5269, 29.7666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 140, 140) }
```

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

```
.background{ background-color: rgb(242,  
140, 140) }
```

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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