

Converting Colors

XYZ(51.7679, 40.0621, 29.8152)

Have a look what the booklet for
XYZ(51.7679, 40.0621, 29.8152)
contains.

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Color

**XYZ(51.7679, 40.0621,
29.8152)**

Conversions

Conversions Part 1

Format	Color
Hex	F58C8C
RGB	245, 140, 140
RGB Percent	96%, 55%, 55%
CMY	0.0392, 0.4510, 0.4510
CMYK	0.00, 0.43, 0.43, 0.04
HSL	0°, 84%, 75%
HSV	0°, 43%, 96%
XYZ	51.7679, 40.0621, 29.8152
YIQ	171.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

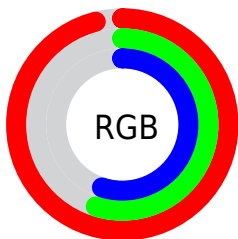
Format	Color
R _Y B	245, 140, 140
Decimal	16092300
CIE Lab	69.51, 39.74, 17.56
CIE LCh	70, 43.444, 23.846
Yxy	40.0621, 0.4256, 0.3293
Android (android.graphics.Color)	4294282380 (0xFFFF58C8C)
YUV	171.3950, -15.4777, 64.5516
Hunter-Lab	63.2946, 35.2274, 16.3774

Details

The XYZ color **51.7679, 40.0621, 29.8152** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.9474, 77.4692, 98.1796**, and the grayscale version is **38.9618, 40.9908, 44.6390**.

A 20% lighter version of the original color is **70.4927, 64.1853, 59.7126**, and **25.3428, 18.0319, 11.8177** is the 20% darker color. If you saturate the color by 10%, you get **46.9684, 33.0395, 20.2730**, and if you desaturate by 10%, it is **57.7684, 48.8432, 41.7426**.

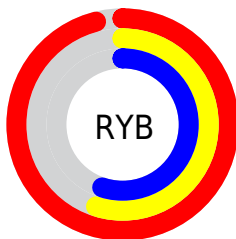
Distribution



Red (96%)

Green (55%)

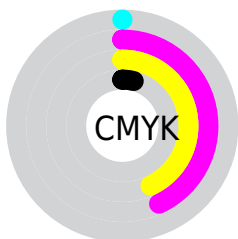
Blue (55%)



Red (96%)

Yellow (55%)

Blue (55%)

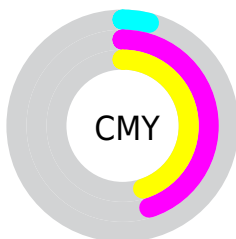


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (4%)



Cyan (4%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7679, 40.0621, 29.8152 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 51.7679, 40.0621, 29.8152 by changing the saturation by 10% instead.


 51.7679, 40.0621,
29.8152


 51.7679, 40.0621,
29.8152


383.8786,
346.3852, 315.2226


 37.0436, 27.5870,
19.4475


 91.9651, 75.2581,
60.4274

 25.4151, 18.0145,
11.8140


 118.1688, 98.7477,
81.5089

 16.5170, 10.9604,
6.4962


 148.9296,
126.6776, 106.9988

 9.9839, 6.0402,
3.0754

184.6129,
159.4322, 137.3156

 5.4504, 2.8696,
1.1333

225.5841,
197.3959, 172.8778

 2.5514, 1.0640,
0.0000

272.2086,

 0.9212, 0.0000,

240.9530, 214.1040

0.0000

324.8516,
290.4880, 261.4128

■ 0.0000, 0.0000,
0.0000

■ 51.7679, 40.0621,
29.8152

■ 51.7679, 40.0621,
29.8152

■ 46.9684, 33.0395,
20.2730

■ 57.7684, 48.8432,
41.7426

■ 43.2864, 27.6516,
12.9536

■ 65.0400, 59.4836,
56.1982

■ 40.6326, 23.7682,
7.6782


■ 73.6510, 72.0838,
73.3164

■ 38.9025, 21.2364,
4.2392

■ 83.6638, 86.7354,
93.2217

■ 37.9698, 19.8715,
2.3855

■ 91.4661, 98.1525,
108.7323

 37.6563, 19.4128,
1.7623

Harmonies

Analogous

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



53.0943, 40.0621, 47.8867



51.7679, 40.0621, 29.8152



46.5863, 40.0621, 19.3062

Triad

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



51.7679, 40.0621, 29.8152



28.2083, 40.0621, 24.5973



36.6525, 40.0621, 94.2873

Complementary

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



51.7679, 40.0621, 29.8152



59.9474, 77.4692, 98.1796

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.



30.6740, 40.0621, 82.7505



51.7679, 40.0621, 29.8152



26.1987, 40.0621, 39.6161

Square

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



51.7679, 40.0621, 29.8152



32.8899, 40.0621, 17.0035



27.0429, 40.0621, 61.1405



43.7845, 40.0621, 89.2486

Rectangle

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



51.7679, 40.0621, 29.8152



41.9481, 40.0621, 16.0769



27.0429, 40.0621, 61.1405



34.4533, 40.0621, 92.1302

Sweetspot

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



51.7689, 40.0641, 29.8160



80.4867, 78.6898, 79.9484



63.5158, 44.7615, 91.6783



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.



51.7689, 40.0641, 29.8160



52.2667, 37.3958, 23.8487



61.3495, 59.2253, 33.0095



16.4993, 16.4827, 17.1094



20.2863, 10.4581, 0.9494



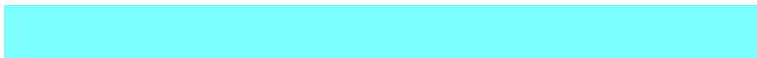
1.7830, 0.9192, 0.0835

Inverse Universe

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



59.9474, 77.4692, 98.1796



62.2578, 83.0915, 107.3647



46.2565, 50.0875, 93.6160



16.9967, 18.7577, 21.2673



26.4672, 38.7282, 52.6183



2.3262, 3.4039, 4.6246

Previews

White Background



This preview shows how the XYZ color 51.7679, 40.0621, 29.8152 looks on a white background.

Color Contrast Check

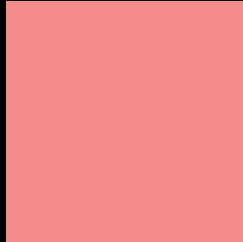
Large Text (above 18pt) WCAG AA × Fail

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 51.7679, 40.0621, 29.8152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

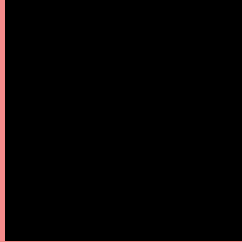
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7679, 40.0621, 29.8152

Background



This preview shows how black text looks on a background with the XYZ color 51.7679, 40.0621, 29.8152.



This preview shows how white text looks on a background with the XYZ color 51.7679, 40.0621,

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

51.7679, 40.0621, 29.8152

Protanopia

38.4226, 40.4631, 36.7954

Deuteranopia

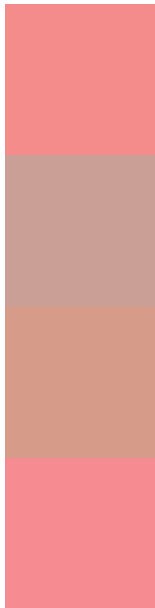
40.8298, 39.9777, 28.8571



Tritanopia

52.6635, 40.2280, 33.4229

Trichromacy



Original Color

51.7679, 40.0621, 29.8152

Protanomaly

42.2603, 39.5548, 34.2617

Deuteranomaly

44.2610, 39.6959, 28.9962

Tritanomaly

52.4270, 40.1334, 32.1774

Monochromacy



Original Color

51.7679, 40.0621, 29.8152

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.2047, 39.6854, 38.6933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7679, 40.0621, 29.8152 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(245, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 51.7679, 40.0621, 29.8152 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(245, 140, 140) }
```


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

```
.border{ border-color:rgb(245, 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(245, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(245, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7679, 40.0621, 29.8152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 140, 140) }
```

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

```
.background{ background-color: rgb(245,  
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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