

Converting Colors

XYZ(50.5072, 40.0397, 30.1267)

Have a look what the booklet for
XYZ(50.5072, 40.0397, 30.1267)
contains.

XYZ(50.5654, 40.0933, 30.2730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.5654, 40.0933,
30.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	F08F8D
RGB	240, 143, 141
RGB Percent	94%, 56%, 55%
CMY	0.0588, 0.4392, 0.4471
CMYK	0.00, 0.40, 0.41, 0.06
HSL	1°, 77%, 75%
HSV	1°, 41%, 94%
XYZ	50.5654, 40.0933, 30.2730
YIQ	171.7750, 58.4540, 19.9420

Conversions

Conversions Part 2

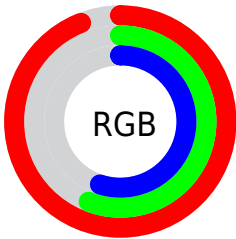
Format	Color
R _Y B	240, 143, 141
Decimal	15765389
CIE Lab	69.54, 36.45, 16.94
CIE LCh	70, 40.198, 24.925
Yxy	40.0933, 0.4181, 0.3315
Android (android.graphics.Color)	4293955469 (0xFFFF08F8D)
YUV	171.7750, -15.1721, 59.8333
Hunter-Lab	63.3193, 31.7375, 15.9769

Details

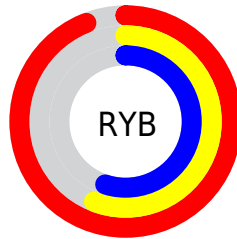
The XYZ color **50.5654, 40.0933, 30.2730** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.2858, 73.0999, 93.5285**, and the grayscale version is **39.1535, 41.1926, 44.8587**.

A 20% lighter version of the original color is **71.2844, 65.5883, 60.5325**, and **24.6855, 18.0613, 12.0826** is the 20% darker color. If you saturate the color by 10%, you get **45.8018, 33.1209, 20.8089**, and if you desaturate by 10%, it is **56.4578, 48.7040, 42.0230**.

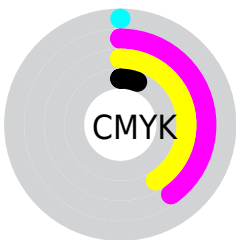
Distribution



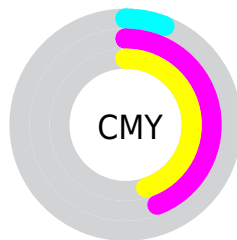
- Red (94%)
- Green (56%)
- Blue (55%)



- Red (94%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (6%)





- Cyan (6%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5654, 40.0933, 30.2730 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 50.5654, 40.0933, 30.2730 by changing the saturation by 10% instead.

 50.5654, 40.0933,
30.2730


 50.5654, 40.0933,
30.2730


379.2884,
346.5167, 317.4217


 36.0825, 27.6113,
19.7921


 90.1989, 75.3056,
61.1597

 24.6683, 18.0329,
12.0614


 116.0801, 98.8046,
82.4027

 15.9575, 10.9736,
6.6625


 146.4915,
126.7448, 108.0700

 9.5848, 6.0491,
3.1767


181.7985,
159.5105, 138.5803

 5.1847, 2.8749,
1.1856

222.3663,
197.4862, 174.3520

 2.3919, 1.0668,
0.0000

268.5603,

 0.8411, 0.0000,

241.0562, 215.8038

0.0000

320.7459,
290.6049, 263.3542

■ 0.0000, 0.0000,
0.0000

■ 50.5654, 40.0933,
30.2730

■ 50.5654, 40.0933,
30.2730

■ 45.8018, 33.1209,
20.8089

■ 56.4578, 48.7040,
42.0230

■ 42.0920, 27.6775,
13.4800

■ 63.5415, 59.0412,
56.1918

■ 39.3569, 23.6501,
8.1210

■ 71.8779, 71.1941,
72.9050

■ 37.5051, 20.9073,
4.5415

■ 81.5235, 85.2440,
92.2786

■ 36.4276, 19.2935,
2.5136

■ 89.7452, 97.2653,
108.6517

■ 35.9879, 18.6308,
1.6993

Harmonies

Analogous

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



51.9201, 40.0933, 46.8895



50.5654, 40.0933, 30.2730



45.7283, 40.0933, 20.4727

Triad

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



50.5654, 40.0933, 30.2730



28.7898, 40.0933, 26.1867



37.0154, 40.0933, 89.7393

Complementary

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



50.5654, 40.0933, 30.2730



57.2858, 73.0999, 93.5285

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.



31.3842, 40.0933, 79.8706



50.5654, 40.0933, 30.2730



26.9915, 40.0933, 40.5724

Square

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



50.5654, 40.0933, 30.2730



33.0923, 40.0933, 18.6251



27.8848, 40.0933, 60.4927



43.6053, 40.0933, 84.6883

Rectangle

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



50.5654, 40.0933, 30.2730



41.4421, 40.0933, 17.4622



27.8848, 40.0933, 60.4927



34.9567, 40.0933, 87.9909

Sweetspot

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



50.5664, 40.0953, 30.2738



81.6795, 80.5247, 82.0436



60.9443, 43.7690, 86.3949



17.1997, 16.8231, 16.9928



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.



50.5664, 40.0953, 30.2738



53.6029, 39.5337, 25.9423



59.6257, 58.2138, 33.2935



15.7985, 15.8101, 16.3687



19.7118, 10.2218, 0.9341



1.6488, 0.8683, 0.0807

Inverse Universe

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



57.2858, 73.0999, 93.5285



62.2214, 81.8854, 107.1338



44.8783, 48.2850, 89.3927



16.2183, 17.8708, 20.3162



24.9070, 36.0383, 50.7712



2.0807, 3.0154, 4.2266

Previews

White Background



This preview shows how the XYZ color 50.5654, 40.0933, 30.2730 looks on a white background.

Color Contrast Check

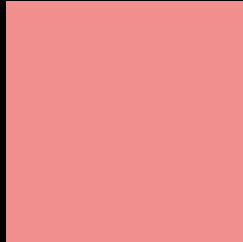
Large Text (above 18pt) WCAG AA × Fail

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 50.5654, 40.0933, 30.2730 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 50.5654, 40.0933, 30.2730

Background



This preview shows how black text looks on a background with the XYZ color 50.5654, 40.0933, 30.2730.



This preview shows how white text looks on a background with the XYZ color 50.5654, 40.0933,

30.2730.

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

50.5654, 40.0933, 30.2730

Protanopia

38.3389, 40.4297, 36.3549

Deuteranopia

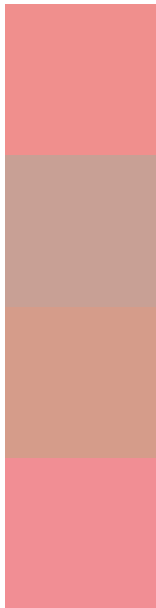
41.0795, 40.3628, 29.2926



Tritanopia

51.4680, 40.0175, 34.7173

Trichromacy



Original Color

50.5654, 40.0933, 30.2730

Protanomaly

41.8150, 39.5909, 33.8717

Deuteranomaly

43.9165, 39.7580, 29.4042

Tritanomaly

51.2939, 40.1849, 33.0699

Monochromacy



Original Color

50.5654, 40.0933, 30.2730

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.2038, 39.9333, 39.2017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5654, 40.0933, 30.2730 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(240, 143, 141)` looks like.

```
.text, #text, p{  
    color:rgb(240, 143, 141)  
}
```

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(240, 143, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 143, 141) }
```

Border

The CSS property to change the border of an element to XYZ 50.5654, 40.0933, 30.2730 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(240, 143, 141) }
```


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

```
.border{ border-color:rgb(240, 143, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 143, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 143, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 143, 141);  
box-shadow:4px 4px 4px 4px rgb(240, 143,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5654, 40.0933, 30.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 143, 141) }
```

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

```
.background{ background-color: rgb(240,  
143, 141) }
```

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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