

Converting Colors

XYZ(49.2633, 38.9774, 30.1237)

Have a look what the booklet for
XYZ(49.2633, 38.9774, 30.1237)
contains.

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Color

**XYZ(49.2576, 38.9774,
30.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8D8D
RGB	237, 141, 141
RGB Percent	93%, 55%, 55%
CMY	0.0706, 0.4470, 0.4471
CMYK	0.00, 0.41, 0.41, 0.07
HSL	0°, 73%, 74%
HSV	0°, 41%, 93%
XYZ	49.2576, 38.9774, 30.1265
YIQ	169.7040, 57.2160, 20.3520

Conversions

Conversions Part 2

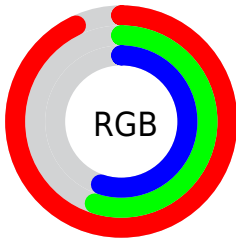
Format	Color
R _Y B	237, 141, 141
Decimal	15568269
CIE Lab	68.73, 36.38, 15.77
CIE LCh	69, 39.654, 23.434
Yxy	38.9774, 0.4162, 0.3293
Android (android.graphics.Color)	4293758349 (0xFFED8D8D)
YUV	169.7040, -14.1511, 59.0186
Hunter-Lab	62.4319, 31.5774, 15.0919

Details

The XYZ color **49.2576, 38.9774, 30.1265** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.5531, 72.3420, 91.1032**, and the grayscale version is **38.1104, 40.0951, 43.6636**.

A 20% lighter version of the original color is **70.8303, 64.6800, 60.3811**, and **23.8208, 17.3651, 11.9938** is the 20% darker color. If you saturate the color by 10%, you get **44.5508, 32.0905, 20.7686**, and if you desaturate by 10%, it is **55.0913, 47.5143, 41.7223**.

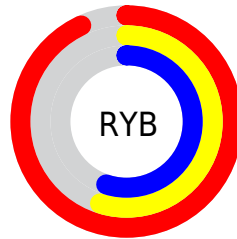
Distribution



Red (93%)

Green (55%)

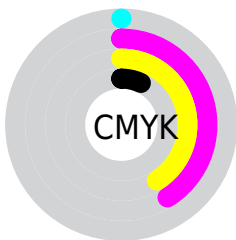
Blue (55%)



Red (93%)

Yellow (55%)

Blue (55%)

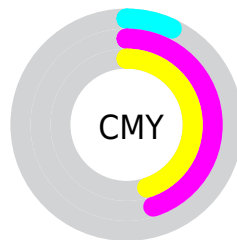


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (7%)



Cyan (7%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2576, 38.9774, 30.1265 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 49.2576, 38.9774, 30.1265 by changing the saturation by 10% instead.


 49.2576, 38.9774,
30.1265


 49.2576, 38.9774,
30.1265


374.2557,
341.7944, 316.7193


 35.0392, 26.7421,
19.6818


 88.2723, 73.6038,
60.9255

 23.8598, 17.3797,
11.9821


 113.7995, 96.7637,
82.1169

 15.3538, 10.5056,
6.6091


 143.8269,
124.3340, 107.7276

 9.1560, 5.7354,
3.1442

178.7199,
156.6990, 138.1761

 4.9010, 2.6849,
1.1687

218.8440,
194.2432, 173.8810

 2.2234, 0.9695,
0.0000

264.5644,

 0.7551, 0.0000,

237.3509, 215.2608

0.0000

316.2465,
286.4065, 262.7340

■ 0.0000, 0.0000,
0.0000

■ 49.2576, 38.9774,
30.1265

■ 49.2576, 38.9774,
30.1265

■ 44.5508, 32.0905,
20.7686

■ 55.0913, 47.5143,
41.7223

■ 40.8955, 26.7416,
13.5023

■ 62.1150, 57.7919,
55.6850

■ 38.2119, 22.8146,
8.1677

■ 70.3904, 69.9012,
72.1364

■ 36.4074, 20.1740,
4.5807

■ 79.9745, 83.9254,
91.1894

■ 35.3715, 18.6580,
2.5217

■ 88.7349, 96.7445,
108.6045

■ 34.9251, 18.0048,
1.6345

Harmonies

Analogous

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



50.3737, 38.9774, 46.5152



49.2576, 38.9774, 30.1265



44.7104, 38.9774, 20.2951

Triad

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



49.2576, 38.9774, 30.1265



28.1759, 38.9774, 25.0018



35.6842, 38.9774, 86.8600

Complementary

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



49.2576, 38.9774, 30.1265



56.5531, 72.3420, 91.1032

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.



30.3132, 38.9774, 76.6860



49.2576, 38.9774, 30.1265



26.3059, 38.9774, 38.6096

Square

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



49.2576, 38.9774, 30.1265



32.4523, 38.9774, 17.9733



27.0418, 38.9774, 57.7201



42.0558, 38.9774, 82.6988

Rectangle

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



49.2576, 38.9774, 30.1265



40.5948, 38.9774, 17.1865



27.0418, 38.9774, 57.7201



33.7119, 38.9774, 84.9277

Sweetspot

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



49.2586, 38.9793, 30.1272



81.5127, 80.1911, 81.9880



59.7360, 43.1689, 85.3045



17.1609, 16.7454, 16.9798



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.



49.2586, 38.9793, 30.1272



53.2629, 38.8536, 25.8289



57.9304, 56.3229, 33.0178



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



1.4973, 0.7719, 0.0701

Inverse Universe

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



56.5531, 72.3420, 91.1032



63.0212, 83.4850, 107.4004



44.4684, 48.1725, 87.0750



15.5177, 17.1218, 19.4092



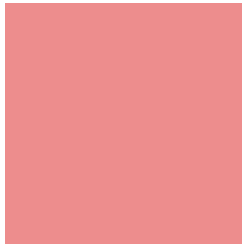
24.8774, 36.4019, 49.4581



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 49.2576, 38.9774, 30.1265 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 49.2576, 38.9774, 30.1265 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 49.2576, 38.9774, 30.1265

Background



This preview shows how black text looks on a background with the XYZ color 49.2576, 38.9774, 30.1265.



This preview shows how white text looks on a background with the XYZ color 49.2576, 38.9774,

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

49.2576, 38.9774, 30.1265

Protanopia

37.2909, 39.3370, 36.1992

Deuteranopia

39.9414, 39.2489, 29.1376



Tritanopia

50.1430, 39.1353, 33.7652

Trichromacy



Original Color

49.2576, 38.9774, 30.1265

Protanomaly

40.6776, 38.4940, 33.7199

Deuteranomaly

42.7214, 38.6478, 29.2529

Tritanomaly

49.9044, 39.0399, 32.5090

Monochromacy



Original Color

49.2576, 38.9774, 30.1265

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.9043, 38.7688, 38.1281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2576, 38.9774, 30.1265 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(237, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(237, 141, 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(237, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 141, 141) }
```

Border

The CSS property to change the border of an element to XYZ 49.2576, 38.9774, 30.1265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

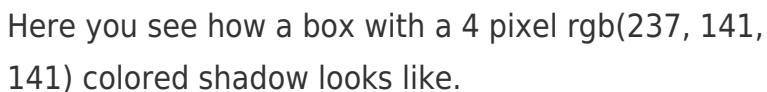
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 141, 141) }
```


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

```
.border{ border-color:rgb(237, 141, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 141, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 141, 141); box-shadow:4px 4px 4px 4px rgb(237, 141, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2576, 38.9774, 30.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 141, 141) }
```

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

```
.background{ background-color: rgb(237,  
141, 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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