

Converting Colors

XYZ(49.2246, 38.6582, 24.5280)

Have a look what the booklet for
XYZ(49.2246, 38.6582, 24.5280)
contains.

XYZ(49.2741, 38.6724, 24.6061)	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(49.2741, 38.6724,
24.6061)**

Conversions

Conversions Part 1

Format	Color
Hex	F18B7E
RGB	241, 139, 126
RGB Percent	95%, 55%, 49%
CMY	0.0549, 0.4549, 0.5059
CMYK	0.00, 0.42, 0.48, 0.05
HSL	7°, 80%, 72%
HSV	7°, 48%, 95%
XYZ	49.2741, 38.6724, 24.6061
YIQ	168.0160, 64.9650, 17.5810

Conversions

Conversions Part 2

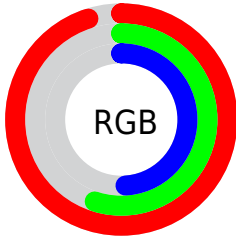
Format	Color
R _Y B	241, 141, 126
Decimal	15829886
CIE Lab	68.51, 37.38, 23.89
CIE LCh	69, 44.365, 32.582
Yxy	38.6724, 0.4378, 0.3436
Android (android.graphics.Color)	4294019966 (0xFFFF18B7E)
YUV	168.0160, -20.7139, 64.0070
Hunter-Lab	62.1871, 32.6073, 20.0712

Details

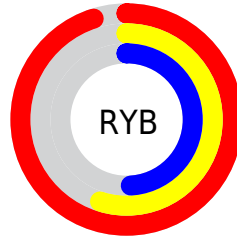
The XYZ color **49.2741, 38.6724, 24.6061** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.2230, 66.2697, 93.2576**, and the grayscale version is **37.3045, 39.2472, 42.7402**.

A 20% lighter version of the original color is **68.6685, 63.0982, 51.2078**, and **23.8038, 17.1760, 9.0819** is the 20% darker color. If you saturate the color by 10%, you get **45.1041, 32.5286, 16.4461**, and if you desaturate by 10%, it is **54.4256, 46.1800, 34.9419**.

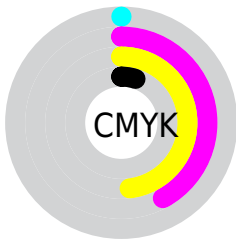
Distribution



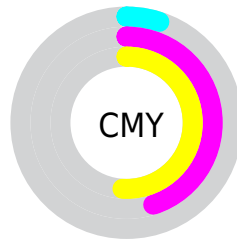
- Red (95%)
- Green (55%)
- Blue (49%)



- Red (95%)
- Yellow (55%)
- Blue (49%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2741, 38.6724, 24.6061 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 49.2741, 38.6724, 24.6061 by changing the saturation by 10% instead.


 49.2741, 38.6724,
24.6061


 49.2741, 38.6724,
24.6061


374.3195,
340.4957, 289.2552

 35.0524, 26.5050,
15.5675


 88.2967, 73.1376,
51.9736

 23.8699, 17.2018,
9.0676


 113.8283, 96.2041,
71.1397

 15.3614, 10.3785,
4.6879


 143.8606,
123.6725, 94.5186

 9.1614, 5.6506,
2.0098

178.7589,
155.9271, 122.5289

 4.9045, 2.6338,
0.5613

218.8885,
193.3523, 155.5892

 2.2255, 0.9437,
0.0000

264.6150,

 0.7561, 0.0000,

236.3326, 194.1179

0.0000

316.3035,
285.2522, 238.5338

■ 0.0000, 0.0000,
0.0000

■ 49.2741, 38.6724,
24.6061

■ 49.2741, 38.6724,
24.6061

■ 45.1041, 32.5286,
16.4461

■ 54.4256, 46.1800,
34.9419

■ 41.8500, 27.6609,
10.3037

■ 60.6130, 55.1204,
47.5918

■ 39.4425, 23.9807,
6.0032

■ 67.8899, 65.5651,
62.6853

■ 37.8012, 21.3853,
3.3372

■ 76.3055, 77.5789,
80.3417

■ 36.8258, 19.7531,
2.0298

■ 85.9058, 91.2230,
100.6724

■ 36.6733, 19.4964,
1.8303

■ 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



51.8715, 38.6724, 40.3986



49.2741, 38.6724, 24.6061



43.2943, 38.6724, 16.3624

Triad

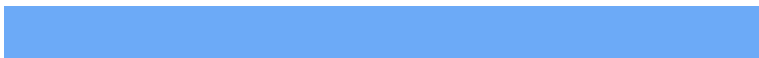
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.2741, 38.6724, 24.6061



26.0781, 38.6724, 26.7640



37.3653, 38.6724, 93.4018

Complementary

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



49.2741, 38.6724, 24.6061



52.2230, 66.2697, 93.2576

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.



30.9132, 38.6724, 86.3076



49.2741, 38.6724, 24.6061



24.9070, 38.6724, 43.8643

Square

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



49.2741, 38.6724, 24.6061



29.9889, 38.6724, 17.3026



26.5624, 38.6724, 66.4011



44.4736, 38.6724, 83.5418

Rectangle

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



49.2741, 38.6724, 24.6061



38.5182, 38.6724, 14.3243



26.5624, 38.6724, 66.4011



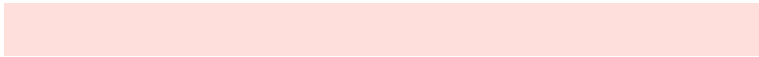
35.0502, 38.6724, 92.9216

Sweetspot

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



49.2751, 38.6744, 24.6068



80.5437, 79.3462, 78.2953



57.9492, 39.3077, 79.0279



16.8112, 16.3710, 15.8619



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.



49.2751, 38.6744, 24.6068



51.5077, 37.3226, 19.1414



59.5566, 59.2373, 28.0340



15.9167, 16.0466, 16.4081



19.9353, 10.6687, 1.0086



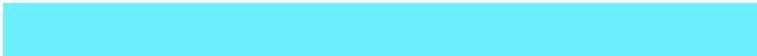
1.7053, 0.9814, 0.0995

Inverse Universe

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



52.2230, 66.2697, 93.2576



55.1751, 71.9890, 105.5950



39.2340, 40.2917, 88.9279



16.0858, 17.6058, 20.2720



21.6778, 29.5798, 49.6948



1.8464, 2.5468, 4.1485

Previews

White Background



This preview shows how the XYZ color 49.2741, 38.6724, 24.6061 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 49.2741, 38.6724, 24.6061 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 49.2741, 38.6724, 24.6061

Background



This preview shows how black text looks on a background with the XYZ color 49.2741, 38.6724, 24.6061.



This preview shows how white text looks on a background with the XYZ color 49.2741, 38.6724,

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

49.2741, 38.6724, 24.6061

Protanopia

36.6104, 38.8486, 29.9951

Deuteranopia

39.5464, 38.9006, 23.8366



Tritanopia

50.9546, 38.7383, 31.9858

Trichromacy



Original Color

49.2741, 38.6724, 24.6061

Protanomaly

40.1795, 38.1145, 27.7934

Deuteranomaly

42.6979, 38.5087, 23.9214

Tritanomaly

50.2238, 38.6326, 29.2359

Monochromacy



Original Color

49.2741, 38.6724, 24.6061

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.3124, 38.0160, 35.3501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2741, 38.6724, 24.6061 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(241, 139, 126)` looks like.

```
.text, #text, p{  
    color:rgb(241, 139, 126)  
}
```

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(241, 139, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 139, 126) }
```

Border

The CSS property to change the border of an element to XYZ 49.2741, 38.6724, 24.6061 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(241, 139, 126) }
```


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

```
.border{ border-color:rgb(241, 139, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 139, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 139, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 139, 126);  
box-shadow:4px 4px 4px 4px rgb(241, 139,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2741, 38.6724, 24.6061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 139, 126) }
```

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

```
.background{ background-color: rgb(241,  
139, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor