

Converting Colors

XYZ(50.2774, 37.8810, 26.8522)

Have a look what the booklet for
XYZ(50.2774, 37.8810, 26.8522)
contains.

XYZ(50.2774, 37.8810, 26.8522)	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(50.2774, 37.8810,
26.8522)**

Conversions

Conversions Part 1

Format	Color
Hex	F58585
RGB	245, 133, 133
RGB Percent	96%, 52%, 52%
CMY	0.0392, 0.4784, 0.4784
CMYK	0.00, 0.46, 0.46, 0.04
HSL	0°, 85%, 74%
HSV	0°, 46%, 96%
XYZ	50.2774, 37.8810, 26.8522
YIQ	166.4880, 66.7520, 23.7440

Conversions

Conversions Part 2

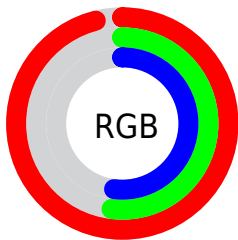
Format	Color
R_{YB}	245, 133, 133
Decimal	16090501
CIE _{Lab}	67.93, 42.59, 19.29
CIE _{LCh}	68, 46.758, 24.366
Yxy	37.8810, 0.4372, 0.3294
Android (android.graphics.Color)	4294280581 (0xFFFF58585)
YUV	166.4880, -16.5096, 68.8550
Hunter-Lab	61.5475, 38.1062, 17.2160

Details

The XYZ color **50.2774, 37.8810, 26.8522** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.8050, 76.8804, 98.1261**, and the grayscale version is **36.5377, 38.4405, 41.8617**.

A 20% lighter version of the original color is **68.0861, 60.7716, 54.5959**, and **24.4765, 16.6917, 10.3193** is the 20% darker color. If you saturate the color by 10%, you get **45.8060, 31.3385, 17.9623**, and if you desaturate by 10%, it is **55.9276, 46.1494, 38.0831**.

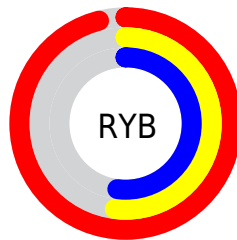
Distribution



Red (96%)

Green (52%)

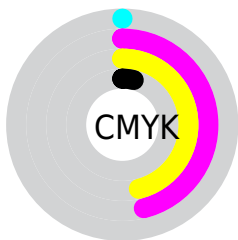
Blue (52%)



Red (96%)

Yellow (52%)

Blue (52%)

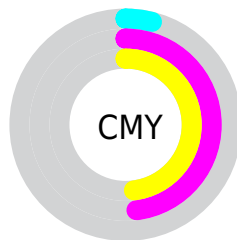


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (4%)



Cyan (4%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2774, 37.8810, 26.8522 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 50.2774, 37.8810, 26.8522 by changing the saturation by 10% instead.


 50.2774, 37.8810,
26.8522

 50.2774, 37.8810,
26.8522


378.1838,
337.1092, 300.6783

 35.8526, 25.8903,
17.2308


 89.7751, 71.9257,
55.6475

 24.4899, 16.7416,
10.2355


 115.5787, 94.7485,
75.6584

 15.8241, 10.0504,
5.4477


 145.9059,
121.9509, 99.9696

 9.4899, 5.4324,
2.4490

181.1221,
153.9172, 128.9996

 5.1217, 2.5031,
0.8129

221.5926,
191.0317, 163.1669

 2.3543, 0.8782,
0.0000

267.6829,

 0.8223, 0.0000,

233.6790, 202.8901

0.0000

319.7582,
282.2434, 248.5877

■ 0.0000, 0.0000,
0.0000

■ 50.2774, 37.8810,
26.8522

■ 50.2774, 37.8810,
26.8522

■ 45.8060, 31.3385,
17.9623

■ 55.9276, 46.1494,
38.0831

■ 42.4275, 26.3947,
11.2463

■ 62.8286, 56.2476,
51.8020

■ 40.0490, 22.9142,
6.5182

■ 71.0504, 68.2784,
68.1465

■ 38.5609, 20.7366,
3.5604

■ 80.6565, 82.3349,
87.2433

■ 37.8279, 19.6638,
2.1034

■ 91.4661, 98.1525,
108.7323

■ 37.6563, 19.4127,
1.7623

Harmonies

Analogous

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



51.7610, 37.8810, 45.2966



50.2774, 37.8810, 26.8522



44.7658, 37.8810, 16.5376

Triad

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



50.2774, 37.8810, 26.8522



25.8086, 37.8810, 22.0626



34.6516, 37.8810, 95.1989

Complementary

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



50.2774, 37.8810, 26.8522



58.8050, 76.8804, 98.1261

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.



28.4686, 37.8810, 83.0214



50.2774, 37.8810, 26.8522



23.8222, 37.8810, 37.4443

Square

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



50.2774, 37.8810, 26.8522



30.5469, 37.8810, 14.4940



24.7264, 37.8810, 60.0375



42.0769, 37.8810, 89.4368

Rectangle

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



50.2774, 37.8810, 26.8522



39.8994, 37.8810, 13.4816



24.7264, 37.8810, 60.0375



32.3722, 37.8810, 92.9705

Sweetspot

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



50.2784, 37.8829, 26.8529



79.4761, 77.2110, 77.9395



62.5252, 42.7804, 91.3481



16.5556, 15.8598, 15.7767



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.



50.2784, 37.8829, 26.8529



50.4232, 34.6983, 20.1842



60.0876, 57.5014, 30.1226



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.



58.8050, 76.8804, 98.1261



60.8450, 82.3632, 107.2986



44.3522, 47.9746, 93.3085



16.9967, 18.7577, 21.2673



26.4673, 38.7284, 52.6184



2.3262, 3.4039, 4.6246

Previews

White Background



This preview shows how the XYZ color 50.2774, 37.8810, 26.8522 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 50.2774, 37.8810, 26.8522 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 50.2774, 37.8810, 26.8522

Background



This preview shows how black text looks on a background with the XYZ color 50.2774, 37.8810, 26.8522.



This preview shows how white text looks on a background with the XYZ color 50.2774, 37.8810,

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

50.2774, 37.8810, 26.8522

Protanopia

36.1135, 37.9644, 33.8583

Deuteranopia

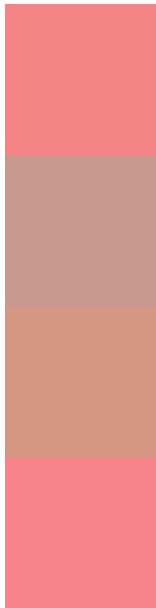
38.8001, 37.9569, 25.7035



Tritanopia

51.0650, 38.0184, 29.8462

Trichromacy



Original Color

50.2774, 37.8810, 26.8522

Protanomaly

39.9023, 36.9077, 31.0074

Deuteranomaly

42.3762, 37.5705, 26.1375

Tritanomaly

50.8447, 37.9303, 28.6862

Monochromacy



Original Color

50.2774, 37.8810, 26.8522

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.8940, 37.0464, 35.6199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2774, 37.8810, 26.8522 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, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(245, 133, 133)  
}
```

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, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 50.2774, 37.8810, 26.8522 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, 133, 133) }
```


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

```
.border{ border-color:rgb(245, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(245, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2774, 37.8810, 26.8522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 133, 133) }
```

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

```
.background{ background-color: rgb(245,  
133, 133) }
```

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