

Converting Colors

XYZ(50.7186, 37.7800, 26.5310)

Have a look what the booklet for
XYZ(50.7186, 37.7800, 26.5310)
contains.

XYZ(50.6389, 37.6727, 26.4324)	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(50.6389, 37.6727,
26.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	F78384
RGB	247, 131, 132
RGB Percent	97%, 51%, 52%
CMY	0.0314, 0.4862, 0.4823
CMYK	0.00, 0.47, 0.47, 0.03
HSL	359°, 88%, 74%
HSV	359°, 47%, 97%
XYZ	50.6389, 37.6727, 26.4324
YIQ	165.7980, 68.8150, 24.9030

Conversions

Conversions Part 2

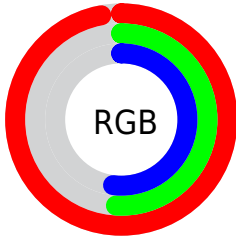
Format	Color
RYB	247, 131, 132
Decimal	16221060
CIELab	67.78, 44.22, 19.68
CIELCh	68, 48.406, 23.992
Yxy	37.6727, 0.4413, 0.3283
Android (android.graphics.Color)	4294411140 (0xFFFF78384)
YUV	165.7980, -16.6624, 71.2142
Hunter-Lab	61.3781, 39.8566, 17.4315

Details

The XYZ color **50.6389, 37.6727, 26.4324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.2573, 78.0014, 99.1261**, and the grayscale version is **36.2037, 38.0891, 41.4790**.

A 20% lighter version of the original color is **67.5559, 59.8806, 53.8965**, and **24.7792, 16.6381, 10.0891** is the 20% darker color. If you saturate the color by 10%, you get **46.2243, 31.2180, 17.6411**, and if you desaturate by 10%, it is **56.2393, 45.8698, 37.5598**.

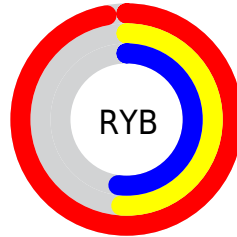
Distribution



Red (97%)

Green (51%)

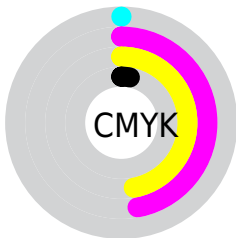
Blue (52%)



Red (97%)

Yellow (51%)

Blue (52%)

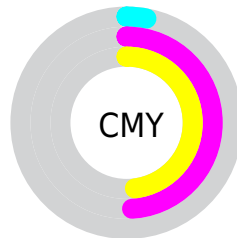


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (3%)



Cyan (3%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6389, 37.6727, 26.4324 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 50.6389, 37.6727, 26.4324 by changing the saturation by 10% instead.


 50.6389, 37.6727,
26.4324


 50.6389, 37.6727,
26.4324


379.5700,
336.2138, 298.5710

 36.1412, 25.7288,
16.9187


 90.3070, 71.6062,
54.9643

 24.7139, 16.6208,
10.0152

 116.2080, 94.3645,
74.8197

 15.9916, 9.9645,
5.3033


 146.6409,
121.4965, 98.9593

 9.6090, 5.3754,
2.3645

181.9709,
153.3864, 127.8018

 5.2008, 2.4692,
0.7670

222.5635,
190.4187, 161.7657

 2.4015, 0.8611,
0.0000

268.7840,

 0.8459, 0.0000,

232.9778, 201.2695

0.0000

320.9977,
281.4480, 246.7317

■ 0.0000, 0.0000,
0.0000

■ 50.6389, 37.6727,
26.4324

■ 50.6389, 37.6727,
26.4324

■ 46.2243, 31.2180,
17.6411

■ 56.2393, 45.8698,
37.5598

■ 42.9077, 26.3745,
11.0178

■ 63.0995, 55.9166,
51.1714

■ 40.5936, 23.0022,
6.3752

■ 71.2904, 67.9184,
67.4052

■ 39.1692, 20.9341,
3.4932

■ 80.8774, 81.9711,
86.3887

■ 38.4915, 19.9580,
2.0981

■ 91.9210, 98.1642,
108.2410

■ 38.3692, 19.7787,
1.8562

■ 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



52.1209, 37.6727, 45.4889



50.6389, 37.6727, 26.4324



44.9568, 37.6727, 15.8860

Triad

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



50.6389, 37.6727, 26.4324



25.3761, 37.6727, 21.2377



34.3206, 37.6727, 97.2180

Complementary

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



50.6389, 37.6727, 26.4324



59.2573, 78.0014, 99.1261

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.



27.9910, 37.6727, 84.2387



50.6389, 37.6727, 26.4324



23.3107, 37.6727, 36.8522

Square

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



50.6389, 37.6727, 26.4324



30.2653, 37.6727, 13.7012



24.1968, 37.6727, 60.1755



41.9865, 37.6727, 91.4071

Rectangle

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



50.6389, 37.6727, 26.4324



39.9264, 37.6727, 12.7774



24.1968, 37.6727, 60.1755



31.9808, 37.6727, 94.7983

Sweetspot

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



50.6399, 37.6746, 26.4331



79.5160, 77.2262, 78.1520



62.5851, 42.3744, 92.8758



16.5651, 15.8634, 15.8274



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.



50.6399, 37.6746, 26.4331



50.0608, 34.0943, 19.6904



60.2401, 56.9835, 29.2993



16.5049, 16.4848, 17.1396



20.2949, 10.4614, 0.9954



1.7857, 0.9202, 0.0979

Inverse Universe

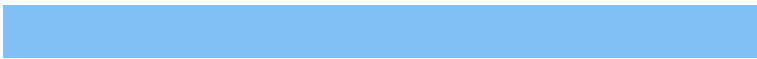
The Inverse Universe completely reimagines the original color for something new.



50.6399, 37.6746, 26.4331



50.0608, 34.0943, 19.6904



44.7667, 48.7753, 95.0505



16.5049, 16.4848, 17.1396



20.2949, 10.4614, 0.9954



1.7857, 0.9202, 0.0979

Previews

White Background



This preview shows how the XYZ color 50.6389, 37.6727, 26.4324 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 50.6389, 37.6727, 26.4324 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 50.6389, 37.6727, 26.4324

Background



This preview shows how black text looks on a background with the XYZ color 50.6389, 37.6727, 26.4324.



This preview shows how white text looks on a background with the XYZ color 50.6389, 37.6727,

26.4324.

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

50.6389, 37.6727, 26.4324

Protanopia

35.8932, 37.8508, 33.8479

Deuteranopia

38.4770, 37.7979, 25.3464



Tritanopia

51.3542, 37.7858, 29.0128

Trichromacy



Original Color

50.6389, 37.6727, 26.4324

Protanomaly

39.9023, 36.9077, 31.0074

Deuteranomaly

42.1505, 37.2260, 25.7326

Tritanomaly

51.1380, 37.6993, 27.8740

Monochromacy



Original Color

50.6389, 37.6727, 26.4324

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.7296, 36.7177, 35.5651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6389, 37.6727, 26.4324 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(247, 131, 132)` looks like.

```
.text, #text, p{  
    color:rgb(247, 131, 132)  
}
```

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(247, 131, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 131, 132) }
```

Border

The CSS property to change the border of an element to XYZ 50.6389, 37.6727, 26.4324 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(247, 131, 132) }
```


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

```
.border{ border-color:rgb(247, 131, 132) }
```

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

Here you see how a box with a 4 pixel rgb(247, 131, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 131, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 131, 132);  
box-shadow:4px 4px 4px 4px rgb(247, 131,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6389, 37.6727, 26.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 131, 132) }
```

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

```
.background{ background-color: rgb(247,  
131, 132) }
```

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