

Converting Colors

XYZ(51.1804, 38.9480, 37.0267)

Have a look what the booklet for
XYZ(51.1804, 38.9480, 37.0267)
contains.

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Color

**XYZ(51.0524, 38.8852,
37.1626)**

Conversions

Conversions Part 1

Format	Color
Hex	F0899E
RGB	240, 137, 158
RGB Percent	94%, 54%, 62%
CMY	0.0588, 0.4627, 0.3804
CMYK	0.00, 0.43, 0.34, 0.06
HSL	348°, 77%, 74%
HSV	348°, 43%, 94%
XYZ	51.0524, 38.8852, 37.1626
YIQ	170.1910, 54.6470, 28.3670

Conversions

Conversions Part 2

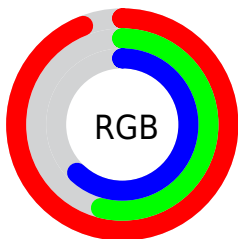
Format	Color
R _Y B	240, 137, 158
Decimal	15763870
CIE Lab	68.67, 41.49, 6.21
CIE LCh	69, 41.953, 8.512
Yxy	38.8852, 0.4017, 0.3059
Android (android.graphics.Color)	4293953950 (0xFFFF0899E)
YUV	170.1910, -6.0102, 61.2225
Hunter-Lab	62.3580, 37.0112, 8.3164

Details

The XYZ color **51.0524, 38.8852, 37.1626** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.2647, 72.7539, 78.2046**, and the grayscale version is **38.3147, 40.3101, 43.8977**.

A 20% lighter version of the original color is **72.0999, 63.7634, 71.4583**, and **24.8802, 17.2259, 15.9235** is the 20% darker color. If you saturate the color by 10%, you get **46.4935, 32.1980, 28.1495**, and if you desaturate by 10%, it is **56.6279, 47.1960, 47.7770**.

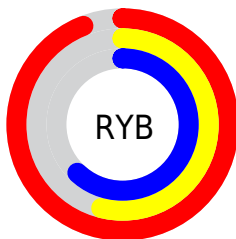
Distribution



Red (94%)

Green (54%)

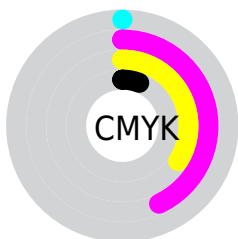
Blue (62%)



Red (94%)

Yellow (54%)

Blue (62%)

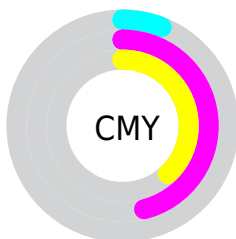


Cyan (0%)

Magenta (43%)

Yellow (34%)

Black (6%)



Cyan (6%)


Magenta (46%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0524, 38.8852, 37.1626 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 51.0524, 38.8852, 37.1626 by changing the saturation by 10% instead.


 51.0524, 38.8852,
37.1626


 51.0524, 38.8852,
37.1626


381.1516,
341.4022, 349.2038


 36.4715, 26.6704,
25.0366


 90.9148, 73.4629,
72.0119

 24.9704, 17.3259,
15.8851


 116.9269, 96.5946,
95.5723

 16.1836, 10.4671,
9.2894


 147.4803,
124.1342, 123.7813

 9.7458, 5.7097,
4.8310

182.9401,
156.4658, 157.0575

 5.2917, 2.6694,
2.0915

223.6718,
193.9741, 195.8192

 2.4559, 0.9617,
0.6107

270.0407,

 0.8731, 0.0000,

237.0433, 240.4852

0.0000

322.4122,
286.0579, 291.4739

■ 0.0000, 0.0000,
0.0000

■ 51.0524, 38.8852,
37.1626

■ 51.0524, 38.8852,
37.1626

■ 46.4935, 32.1980,
28.1495

■ 56.6279, 47.1960,
47.7770

■ 42.8853, 27.0220,
20.6565

■ 63.2740, 57.2214,
60.0638

■ 40.1591, 23.2399,
14.5984

■ 71.0448, 69.0524,
74.0927

■ 38.2350, 20.7143,
9.8801

■ 79.9895, 82.7722,
89.9286

■ 37.0180, 19.2793,
6.3944

■ 89.5110, 97.1716,
107.4184

■ 36.4880, 18.7464,
4.5924

■ 89.7452, 97.2653,
108.6517

Harmonies

Analogous

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



50.1333, 38.8852, 57.1679



51.0524, 38.8852, 37.1626



47.8568, 38.8852, 23.4340

Triad

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



51.0524, 38.8852, 37.1626



29.5770, 38.8852, 19.7177



32.4841, 38.8852, 86.1992

Complementary

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



51.0524, 38.8852, 37.1626



54.2647, 72.7539, 78.2046

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.



27.8559, 38.8852, 69.3801



51.0524, 38.8852, 37.1626



26.3224, 38.8852, 30.3262

Square

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



51.0524, 38.8852, 37.1626



35.1044, 38.8852, 15.5265



25.7323, 38.8852, 47.9759



38.8782, 38.8852, 89.6745

Rectangle

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



51.0524, 38.8852, 37.1626



44.0245, 38.8852, 18.2162



25.7323, 38.8852, 47.9759



30.6935, 38.8852, 81.7203

Sweetspot

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



51.0535, 38.8871, 37.1633



81.4095, 79.0581, 84.8106



53.4941, 39.0413, 87.1545



16.9787, 16.2402, 17.3534



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.



51.0535, 38.8871, 37.1633



54.1906, 38.1639, 33.9845



54.1215, 47.6725, 30.0186



15.9046, 15.8115, 17.0536



20.0121, 10.2773, 2.7144



1.6994, 0.8688, 0.4081

Inverse Universe

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



51.0535, 38.8871, 37.1633



54.1906, 38.1639, 33.9845



49.2950, 58.1086, 91.0561



15.9046, 15.8115, 17.0536



20.0121, 10.2773, 2.7144



1.6994, 0.8688, 0.4081

Previews

White Background



This preview shows how the XYZ color 51.0524, 38.8852, 37.1626 looks on a white background.

Color Contrast Check

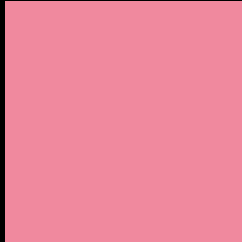
Large Text (above 18pt) WCAG AA × Fail

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 51.0524, 38.8852, 37.1626 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 51.0524, 38.8852, 37.1626

Background



This preview shows how black text looks on a background with the XYZ color 51.0524, 38.8852, 37.1626.



This preview shows how white text looks on a background with the XYZ color 51.0524, 38.8852,

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

51.0524, 38.8852, 37.1626

Protanopia

37.9188, 39.1676, 46.1190

Deuteranopia

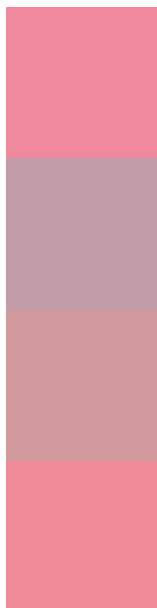
39.7393, 38.9926, 36.0037



Tritanopia

50.2540, 38.9859, 33.3101

Trichromacy



Original Color

51.0524, 38.8852, 37.1626

Protanomaly

41.5556, 38.2436, 42.7277

Deuteranomaly

43.3201, 38.5589, 36.1697

Tritanomaly

50.3526, 38.7947, 34.5400

Monochromacy



Original Color

51.0524, 38.8852, 37.1626

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.6155, 38.8090, 41.3739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0524, 38.8852, 37.1626 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, 137, 158)` looks like.

```
.text, #text, p{  
    color:rgb(240, 137, 158)  
}
```

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, 137, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 137, 158) }
```

Border

The CSS property to change the border of an element to XYZ 51.0524, 38.8852, 37.1626 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, 137, 158) }
```


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

```
.border{ border-color:rgb(240, 137, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 137, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 137, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 137, 158);  
box-shadow:4px 4px 4px 4px rgb(240, 137,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0524, 38.8852, 37.1626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 137, 158) }
```

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

```
.background{ background-color: rgb(240,  
137, 158) }
```

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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