

Converting Colors

XYZ(50.4528, 37.6019, 27.1505)

Have a look what the booklet for
XYZ(50.4528, 37.6019, 27.1505)
contains.

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Color

**XYZ(50.4254, 37.5467,
27.1438)**

Conversions

Conversions Part 1

Format	Color
Hex	F68386
RGB	246, 131, 134
RGB Percent	96%, 51%, 53%
CMY	0.0353, 0.4862, 0.4745
CMYK	0.00, 0.47, 0.46, 0.04
HSL	358°, 86%, 74%
HSV	358°, 47%, 96%
XYZ	50.4254, 37.5467, 27.1438
YIQ	165.7270, 67.5770, 25.3130

Conversions

Conversions Part 2

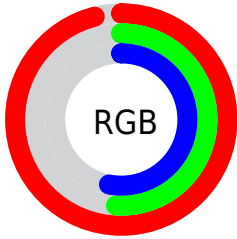
Format	Color
R _Y B	246, 131, 134
Decimal	16155526
CIE Lab	67.69, 44.06, 18.41
CIE LCh	68, 47.749, 22.680
Yxy	37.5467, 0.4380, 0.3262
Android (android.graphics.Color)	4294345606 (0xFFFF68386)
YUV	165.7270, -15.6414, 70.3994
Hunter-Lab	61.2754, 39.6613, 16.6284

Details

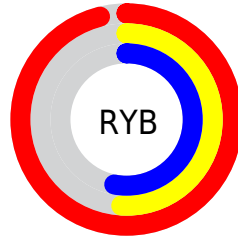
The XYZ color **50.4254, 37.5467, 27.1438** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.4955, 77.2086, 96.6185**, and the grayscale version is **36.1651, 38.0485, 41.4348**.

A 20% lighter version of the original color is **67.7685, 59.9657, 55.0164**, and **24.6138, 16.5438, 10.4903** is the 20% darker color. If you saturate the color by 10%, you get **46.0188, 31.1117, 18.3434**, and if you desaturate by 10%, it is **55.9968, 45.7054, 38.2007**.

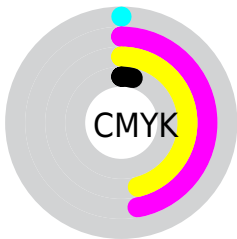
Distribution



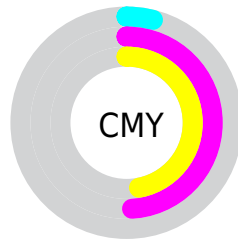
- Red (96%)
- Green (51%)
- Blue (53%)



- Red (96%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (47%)
- Yellow (46%)
- Black (4%)





- Cyan (4%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4254, 37.5467, 27.1438 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 50.4254, 37.5467, 27.1438 by changing the saturation by 10% instead.


 50.4254, 37.5467,
27.1438


 50.4254, 37.5467,
27.1438

378.7517,
335.6714, 302.1349


 35.9707, 25.6311,
17.4479

 89.9929, 71.4128,
56.1211

 24.5816, 16.5478,
10.3890


 115.8364, 94.1321,
76.2395

 15.8927, 9.9126,
5.5487


 146.2069,
121.2213, 100.6691

 9.5386, 5.3411,
2.5083

181.4698,
153.0650, 129.8286

 5.1540, 2.4487,
0.8446

221.9903,
190.0474, 164.1363

 2.3736, 0.8508,
0.0000

268.1339,

 0.8319, 0.0000,

232.5531, 204.0109

0.0000

320.2660,
280.9662, 249.8709

0.0000, 0.0000,
0.0000

50.4254, 37.5467,
27.1438

50.4254, 37.5467,
27.1438

46.0188, 31.1117,
18.3434

55.9968, 45.7054,
38.2007

42.6917, 26.2716,
11.6422

62.8043, 55.6932,
51.6524

40.3522, 22.8887,
6.8662

70.9171, 67.6137,
67.6289

38.8914, 20.7998,
3.8125

80.3984, 81.5612,
86.2501

38.1735, 19.7989,
2.2323

91.3072, 97.6239,
107.6280

■ 38.0410, 19.6068,
1.9634

■ 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



51.6701, 37.5467, 46.2742



50.4254, 37.5467, 27.1438



44.9871, 37.5467, 16.3535

Triad

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



50.4254, 37.5467, 27.1438



25.5612, 37.5467, 20.8818



33.9117, 37.5467, 95.7991

Complementary

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



50.4254, 37.5467, 27.1438



58.4955, 77.2086, 96.6185

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.



27.7661, 37.5467, 82.4006



50.4254, 37.5467, 27.1438



23.3951, 37.5467, 35.9258

Square

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



50.4254, 37.5467, 27.1438



30.4966, 37.5467, 13.7037



24.1428, 37.5467, 58.6143



41.4353, 37.5467, 90.9303

Rectangle

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



50.4254, 37.5467, 27.1438



40.0746, 37.5467, 13.0867



24.1428, 37.5467, 58.6143



31.6320, 37.5467, 93.1605

Sweetspot

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



50.4264, 37.5486, 27.1445



79.5985, 77.2592, 78.5867



61.4269, 41.7951, 92.0182



16.5849, 15.8713, 15.9314



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.



50.4264, 37.5486, 27.1445



50.2039, 34.1516, 20.4437



59.3832, 55.7919, 29.1145



16.5166, 16.4895, 17.2011



20.3127, 10.4685, 1.0892



1.7913, 0.9225, 0.1275

Inverse Universe

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



50.4264, 37.5486, 27.1445



50.2039, 34.1516, 20.4437



44.9194, 49.3270, 94.3420



16.5166, 16.4895, 17.2011



20.3127, 10.4685, 1.0892



1.7913, 0.9225, 0.1275

Previews

White Background



This preview shows how the XYZ color 50.4254, 37.5467, 27.1438 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 50.4254, 37.5467, 27.1438 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 50.4254, 37.5467, 27.1438

Background



This preview shows how black text looks on a background with the XYZ color 50.4254, 37.5467, 27.1438.



This preview shows how white text looks on a background with the XYZ color 50.4254, 37.5467,

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

50.4254, 37.5467, 27.1438

Protanopia

36.0543, 37.9153, 34.6963

Deuteranopia

38.3529, 37.7187, 26.0279



Tritanopia

50.6489, 37.4222, 28.9798

Trichromacy



Original Color

50.4254, 37.5467, 27.1438

Protanomaly

40.0553, 36.9689, 31.8126

Deuteranomaly

41.9956, 37.1306, 26.4263

Tritanomaly

50.5040, 37.3642, 28.2171

Monochromacy



Original Color

50.4254, 37.5467, 27.1438

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 50.4254, 37.5467, 27.1438 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(246, 131, 134)` looks like.

```
.text, #text, p{  
    color:rgb(246, 131, 134)  
}
```

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(246, 131, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 131, 134) }
```

Border

The CSS property to change the border of an element to XYZ 50.4254, 37.5467, 27.1438 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(246, 131, 134) }
```


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

```
.border{ border-color:rgb(246, 131, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 131, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 131, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 131, 134);  
box-shadow:4px 4px 4px 4px rgb(246, 131,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4254, 37.5467, 27.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 131, 134) }
```

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

```
.background{ background-color: rgb(246,  
131, 134) }
```

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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