

Converting Colors

XYZ(54.2400, 36.8255, 38.4317)

Have a look what the booklet for
XYZ(54.2400, 36.8255, 38.4317)
contains.

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Color

**XYZ(54.2400, 36.8255,
38.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76A2
RGB	255, 118, 162
RGB Percent	100%, 46%, 64%
CMY	0.0000, 0.5372, 0.3647
CMYK	0.00, 0.54, 0.36, 0.00
HSL	341°, 100%, 73%
HSV	341°, 54%, 100%
XYZ	54.2400, 36.8255, 38.4317
YIQ	163.9790, 67.5280, 42.7280

Conversions

Conversions Part 2

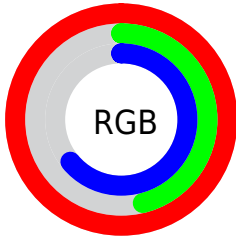
Format	Color
R_{YB}	255, 118, 162
Decimal	16742050
CIE _{Lab}	67.15, 56.34, 2.01
CIE _{LCh}	67, 56.377, 2.046
Yxy	36.8255, 0.4189, 0.2844
Android (android.graphics.Color)	4294932130 (0xFFFF76A2)
YUV	163.9790, -0.9756, 79.8254
Hunter-Lab	60.6840, 53.3481, 4.9300

Details

The XYZ color **54.2400, 36.8255, 38.4317** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.9910, 80.0756, 74.1905**, and the grayscale version is **35.2599, 37.0961, 40.3977**.

A 20% lighter version of the original color is **68.9004, 56.5419, 72.9279**, and **27.0975, 16.1950, 16.7367** is the 20% darker color. If you saturate the color by 10%, you get **50.1982, 31.0374, 30.0079**, and if you desaturate by 10%, it is **59.3071, 44.3251, 48.2432**.

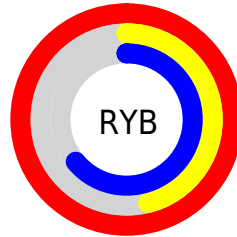
Distribution



Red (100%)

Green (46%)

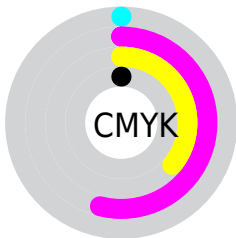
Blue (64%)



Red (100%)

Yellow (46%)

Blue (64%)

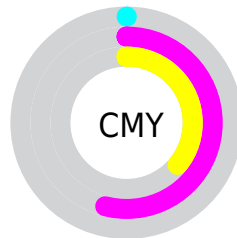


Cyan (0%)

Magenta (54%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2400, 36.8255, 38.4317 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 54.2400, 36.8255, 38.4317 by changing the saturation by 10% instead.


 54.2400, 36.8255,
38.4317


 54.2400, 36.8255,
38.4317


393.2080,
332.5544, 354.8218

 39.0250, 25.0724,
26.0135


 95.5814, 70.3043,
73.9801

 26.9600, 16.1310,
16.6079


 122.4385, 92.7988,
97.9473

 17.6796, 9.6169,
9.7963


 153.9070,
119.6426, 126.6014

 10.8185, 5.1457,
5.1603

190.3522,
151.2201, 160.3607

 6.0113, 2.3330,
2.2812

232.1396,
187.9156, 199.6438

 2.8927, 0.7911,
0.7207

279.6344,

 1.0973, 0.0000,

230.1136, 244.8694

0.0000

333.2021,
278.1984, 296.4559

■ 0.0228, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2400, 36.8255,
38.4317

■ 54.2400, 36.8255,
38.4317

■ 50.1982, 31.0374,
30.0079

■ 59.3071, 44.3251,
48.2432

■ 47.1031, 26.8174,
22.9020

■ 65.4643, 53.6528,
59.5028

■ 44.8688, 24.0085,
17.0404

■ 72.7742, 64.9217,
72.2697

■ 43.3904, 22.4168,
12.3394

■ 81.2937, 78.2339,
86.5989

■ 42.7588, 21.8675,
9.9278

■ 91.0760, 93.6845,
102.5427

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.7135, 36.8255, 66.6116



54.2400, 36.8255, 38.4317



50.9524, 36.8255, 19.8696

Triad

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



54.2400, 36.8255, 38.4317



26.9484, 36.8255, 11.8800



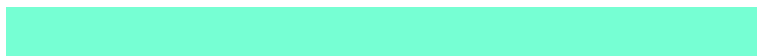
27.8154, 36.8255, 98.0799

Complementary

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



54.2400, 36.8255, 38.4317



54.9910, 80.0756, 74.1905

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.



22.7844, 36.8255, 70.7989



54.2400, 36.8255, 38.4317



22.3444, 36.8255, 21.7580

Square

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



54.2400, 36.8255, 38.4317



34.4152, 36.8255, 8.9668



20.9532, 36.8255, 41.8091



35.5945, 36.8255, 108.3870

Rectangle

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



54.2400, 36.8255, 38.4317



46.1752, 36.8255, 13.1669



20.9532, 36.8255, 41.8091



25.7936, 36.8255, 90.1599

Sweetspot

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



54.2410, 36.8274, 38.4324



79.2441, 75.0172, 83.1951



50.9190, 33.7831, 98.4447



16.5769, 15.4547, 17.1640



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.



54.2410, 36.8274, 38.4324



50.0999, 30.8997, 29.7931



54.0118, 41.5708, 22.3193



18.2498, 18.0832, 19.9324



22.4024, 11.4502, 5.5034



2.2286, 1.1338, 0.7855

Inverse Universe

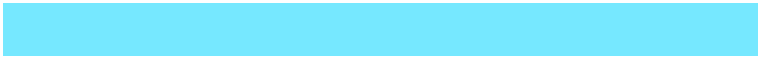
The Inverse Universe completely reimagines the original color for something new.



54.2410, 36.8274, 38.4324



50.0999, 30.8997, 29.7931



54.4262, 68.8799, 105.0343



18.2498, 18.0832, 19.9324



22.4024, 11.4502, 5.5034



2.2286, 1.1338, 0.7855

Previews

White Background



This preview shows how the XYZ color 54.2400, 36.8255, 38.4317 looks on a white background.

Color Contrast Check

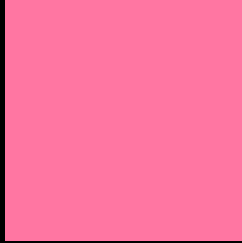
Large Text (above 18pt) WCAG AA × Fail

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 54.2400, 36.8255, 38.4317 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 54.2400, 36.8255, 38.4317

Background



This preview shows how black text looks on a background with the XYZ color 54.2400, 36.8255, 38.4317.



This preview shows how white text looks on a background with the XYZ color 54.2400, 36.8255,

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

54.2400, 36.8255, 38.4317

Protanopia

36.5806, 37.2394, 53.4040

Deuteranopia

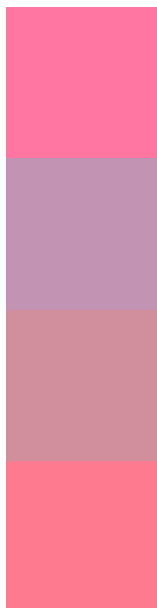
37.7560, 36.9213, 36.5891



Tritanopia

51.8805, 36.9639, 26.2301

Trichromacy



Original Color

54.2400, 36.8255, 38.4317

Protanomaly

40.8185, 35.5914, 47.3663

Deuteranomaly

42.2885, 35.6689, 37.0037

Tritanomaly

52.7905, 36.9731, 30.3408

Monochromacy



Original Color

54.2400, 36.8255, 38.4317

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

40.0705, 35.3821, 39.3678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2400, 36.8255, 38.4317 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(255, 118, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 162)  
}
```

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(255, 118, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 162) }
```

Border

The CSS property to change the border of an element to XYZ 54.2400, 36.8255, 38.4317 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(255, 118, 162) }
```


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

```
.border{ border-color:rgb(255, 118, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 118, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2400, 36.8255, 38.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 162) }
```

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

```
.background{ background-color: rgb(255,  
118, 162) }
```

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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