

Converting Colors

XYZ(54.3021, 36.6629, 39.3366)

Have a look what the booklet for
XYZ(54.3021, 36.6629, 39.3366)
contains.

XYZ(54.3021, 36.6629, 39.3366)	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(54.3021, 36.6629,
39.3366)**

Conversions

Conversions Part 1

Format	Color
Hex	FF75A4
RGB	255, 117, 164
RGB Percent	100%, 46%, 64%
CMY	0.0000, 0.5411, 0.3569
CMYK	0.00, 0.54, 0.36, 0.00
HSL	340°, 100%, 73%
HSV	340°, 54%, 100%
XYZ	54.3021, 36.6629, 39.3366
YIQ	163.6200, 67.1610, 43.8730

Conversions

Conversions Part 2

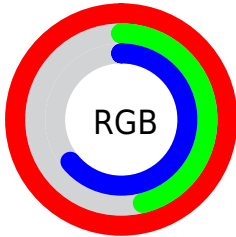
Format	Color
RYB	255, 117, 164
Decimal	16741796
CIELab	67.02, 57.03, 0.70
CIELCh	67, 57.032, 0.704
Yxy	36.6629, 0.4167, 0.2814
Android (android.graphics.Color)	4294931876 (0xFFFF75A4)
YUV	163.6200, 0.1873, 80.1403
Hunter-Lab	60.5499, 54.1193, 3.8668

Details

The XYZ color **54.3021, 36.6629, 39.3366** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.4832, 79.8568, 72.2214**, and the grayscale version is **35.0842, 36.9113, 40.1964**.

A 20% lighter version of the original color is **68.9698, 56.2616, 74.2423**, and **27.0991, 16.1094, 17.0104** is the 20% darker color. If you saturate the color by 10%, you get **50.3056, 30.9417, 31.0008**, and if you desaturate by 10%, it is **59.3104, 44.0862, 49.0011**.

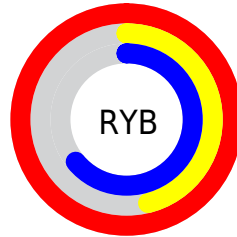
Distribution



Red (100%)

Green (46%)

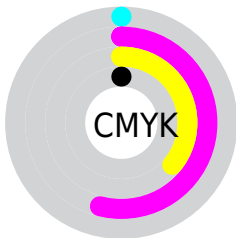
Blue (64%)



Red (100%)

Yellow (46%)

Blue (64%)

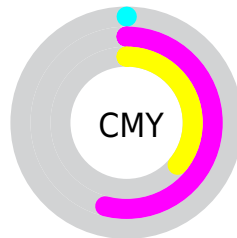


Cyan (0%)

Magenta (54%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3021, 36.6629, 39.3366 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 54.3021, 36.6629, 39.3366 by changing the saturation by 10% instead.


 54.3021, 36.6629,
39.3366


 54.3021, 36.6629,
39.3366

393.4405,
331.8488, 358.7881


 39.0749, 24.9466,
26.7118


 95.6720, 70.0540,
75.3782

 26.9990, 16.0373,
17.1264


 122.5453, 92.4976,
99.6322

 17.7090, 9.5505,
10.1617


 154.0314,
119.2858, 128.5997

 10.8397, 5.1020,
5.3993

190.4956,
150.8029, 162.6991

 6.0256, 2.3072,
2.4206

232.3033,
187.4334, 202.3492

 2.9015, 0.7775,
0.7976

279.8197,

 1.1019, 0.0000,

229.5616, 247.9683

0.0000

333.4104,
277.5719, 299.9751

■ 0.0267, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3021, 36.6629,
39.3366

■ 54.3021, 36.6629,
39.3366

■ 50.3056, 30.9417,
31.0008

■ 59.3104, 44.0862,
49.0011

■ 47.2427, 26.7790,
23.9280

■ 65.3948, 53.3285,
60.0511

■ 45.0279, 24.0168,
18.0489

■ 72.6175, 64.5029,
72.5423

■ 43.5563, 22.4600,
13.2845

■ 81.0348, 77.7117,
86.5265

■ 42.9537, 21.9455,
10.9545

■ 90.6996, 93.0498,
102.0528

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.



51.4896, 36.6629, 68.1155



54.3021, 36.6629, 39.3366



51.2247, 36.6629, 20.1769

Triad

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



54.3021, 36.6629, 39.3366



27.0136, 36.6629, 11.3431



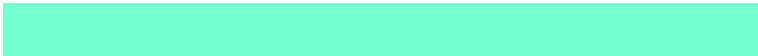
27.3137, 36.6629, 97.6649

Complementary

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



54.3021, 36.6629, 39.3366



54.4832, 79.8568, 72.2214

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.



22.3952, 36.6629, 69.5749



54.3021, 36.6629, 39.3366



22.2432, 36.6629, 20.8277

Square

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



54.3021, 36.6629, 39.3366



34.6428, 36.6629, 8.6922



20.7014, 36.6629, 40.5085



35.0520, 36.6629, 109.1626

Rectangle

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



54.3021, 36.6629, 39.3366



46.4995, 36.6629, 13.2094



20.7014, 36.6629, 40.5085



25.3245, 36.6629, 89.4005

Sweetspot

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



54.3031, 36.6648, 39.3373



79.3539, 75.0611, 83.7733



50.0614, 33.1670, 98.3710



16.6029, 15.4651, 17.3009



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.



54.3031, 36.6648, 39.3373



49.9979, 30.5123, 30.3245



53.4978, 40.6375, 21.8562



18.2646, 18.0892, 20.0106



22.5067, 11.4920, 6.0527



2.2402, 1.1384, 0.8461

Inverse Universe

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



54.3031, 36.6648, 39.3373



49.9979, 30.5123, 30.3245



54.8958, 70.0197, 105.2295



18.2646, 18.0892, 20.0106



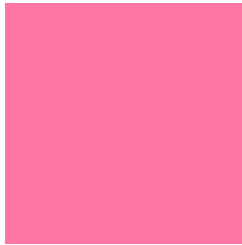
22.5067, 11.4920, 6.0527



2.2402, 1.1384, 0.8461

Previews

White Background



This preview shows how the XYZ color 54.3021, 36.6629, 39.3366 looks on a white background.

Color Contrast Check

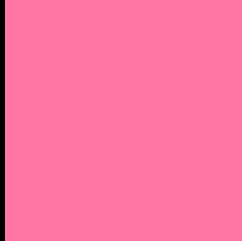
Large Text (above 18pt) WCAG AA × Fail

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 54.3021, 36.6629, 39.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

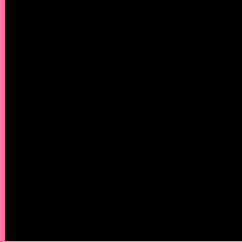
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3021, 36.6629, 39.3366

Background



This preview shows how black text looks on a background with the XYZ color 54.3021, 36.6629, 39.3366.



This preview shows how white text looks on a background with the XYZ color 54.3021, 36.6629, 39.3366.

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

54.3021, 36.6629, 39.3366

Protanopia

36.4249, 36.8713, 54.4873

Deuteranopia

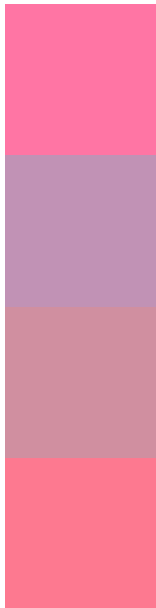
37.3687, 36.7118, 37.0148



Tritanopia

51.3927, 36.5273, 26.1716

Trichromacy



Original Color

54.3021, 36.6629, 39.3366

Protanomaly

40.6117, 35.2314, 48.3759

Deuteranomaly

42.1800, 35.5929, 37.9047

Tritanomaly

52.3794, 36.5710, 30.6838

Monochromacy



Original Color

54.3021, 36.6629, 39.3366

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

40.1605, 35.4181, 39.8416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3021, 36.6629, 39.3366 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, 117, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 164)  
}
```

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, 117, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 164) }
```

Border

The CSS property to change the border of an element to XYZ 54.3021, 36.6629, 39.3366 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, 117, 164) }
```


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

```
.border{ border-color:rgb(255, 117, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3021, 36.6629, 39.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 164) }
```

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

```
.background{ background-color: rgb(255,  
117, 164) }
```

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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