

Converting Colors

XYZ(53.3181, 36.0839, 34.7266)

Have a look what the booklet for
XYZ(53.3181, 36.0839, 34.7266)
contains.

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Color

**XYZ(53.3181, 36.0839,
34.7266)**

Conversions

Conversions Part 1

Format	Color
Hex	FF749A
RGB	255, 116, 154
RGB Percent	100%, 45%, 60%
CMY	0.0000, 0.5451, 0.3961
CMYK	0.00, 0.55, 0.40, 0.00
HSL	344°, 100%, 73%
HSV	344°, 55%, 100%
XYZ	53.3181, 36.0839, 34.7266
YIQ	161.8930, 70.6460, 41.2860

Conversions

Conversions Part 2

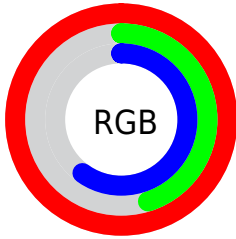
Format	Color
R_{YB}	255, 116, 154
Decimal	16741530
CIE _{Lab}	66.58, 56.40, 5.74
CIE _{LCh}	67, 56.691, 5.811
Yxy	36.0839, 0.4295, 0.2907
Android (android.graphics.Color)	4294931610 (0xFFFF749A)
YUV	161.8930, -3.8912, 81.6548
Hunter-Lab	60.0699, 53.3145, 7.7732

Details

The XYZ color **53.3181, 36.0839, 34.7266** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.4888, 80.2435, 78.2146**, and the grayscale version is **34.2884, 36.0740, 39.2846**.

A 20% lighter version of the original color is **67.3777, 55.3191, 66.8010**, and **26.3122, 15.6803, 14.4718** is the 20% darker color. If you saturate the color by 10%, you get **49.3455, 30.4209, 26.3670**, and if you desaturate by 10%, it is **58.3374, 43.4589, 44.6111**.

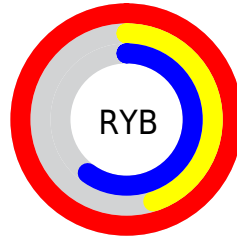
Distribution



Red (100%)

Green (45%)

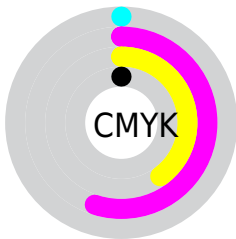
Blue (60%)



Red (100%)

Yellow (45%)

Blue (60%)

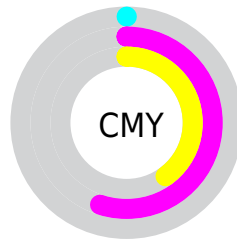


Cyan (0%)

Magenta (55%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3181, 36.0839, 34.7266 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 53.3181, 36.0839, 34.7266 by changing the saturation by 10% instead.


 53.3181, 36.0839,
34.7266


 53.3181, 36.0839,
34.7266


389.7453,
329.3271, 338.2274


 38.2853, 24.4990,
23.1705


 94.2351, 69.1615,
68.2088

 26.3824, 15.7042,
14.5130


 120.8499, 91.4231,
90.9719

 17.2441, 9.3151,
8.3355

 152.0561,
118.0123, 118.3078

 10.5051, 4.9473,
4.2195

188.2190,
149.3135, 150.6350

 5.7999, 2.2164,
1.7465

229.7041,
185.7113, 188.3720

 2.7633, 0.7289,
0.3923

276.8766,

 1.0299, 0.0000,

227.5898, 231.9374

0.0000

330.1018,
275.3336, 281.7497

■ 0.0000, 0.0000,
0.0000

■ 53.3181, 36.0839,
34.7266

■ 53.3181, 36.0839,
34.7266

■ 49.3455, 30.4209,
26.3670

■ 58.3374, 43.4589,
44.6111

■ 46.3381, 26.3245,
19.4504

■ 64.4707, 52.6647,
56.0923

■ 44.2063, 23.6342,
13.8894

■ 71.7832, 63.8155,
69.2395

■ 42.8407, 22.1517,
9.5843

■ 80.3337, 77.0151,
84.1173

■ 42.3360, 21.6984,
7.7021

■ 90.1772, 92.3595,
100.7866

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



51.5210, 36.0839, 61.8258



53.3181, 36.0839, 34.7266



49.3752, 36.0839, 17.7305

Triad

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



53.3181, 36.0839, 34.7266



25.5745, 36.0839, 12.1975



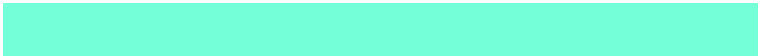
28.0111, 36.0839, 99.5281

Complementary

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



53.3181, 36.0839, 34.7266



55.4888, 80.2435, 78.2146

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.



22.6506, 36.0839, 73.6420



53.3181, 36.0839, 34.7266



21.4155, 36.0839, 23.0267

Square

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



53.3181, 36.0839, 34.7266



32.6641, 36.0839, 8.6528



20.4411, 36.0839, 44.2350



35.9827, 36.0839, 106.9123

Rectangle

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



53.3181, 36.0839, 34.7266



44.3531, 36.0839, 11.8514



20.4411, 36.0839, 44.2350



25.8883, 36.0839, 92.2971

Sweetspot

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



53.3191, 36.0858, 34.7273



78.9760, 74.9099, 81.7831



52.5027, 34.2536, 98.4519



16.5136, 15.4294, 16.8302



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.



53.3191, 36.0858, 34.7273



49.1752, 30.1832, 25.9925



54.6907, 43.1169, 21.9654



18.2133, 18.0686, 19.7405



22.1749, 11.3592, 4.3054



2.2027, 1.1234, 0.6487

Inverse Universe

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



53.3191, 36.0858, 34.7273



49.1752, 30.1832, 25.9925



52.1476, 64.7218, 104.3516



18.2133, 18.0686, 19.7405



22.1749, 11.3592, 4.3054



2.2027, 1.1234, 0.6487

Previews

White Background



This preview shows how the XYZ color 53.3181, 36.0839, 34.7266 looks on a white background.

Color Contrast Check

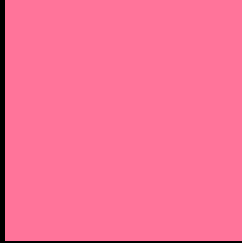
Large Text (above 18pt) WCAG AA × Fail

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 53.3181, 36.0839, 34.7266 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 53.3181, 36.0839, 34.7266

Background



This preview shows how black text looks on a background with the XYZ color 53.3181, 36.0839, 34.7266.



This preview shows how white text looks on a background with the XYZ color 53.3181, 36.0839,

34.7266.

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

53.3181, 36.0839, 34.7266

Protanopia

35.4803, 36.2586, 48.3086

Deuteranopia

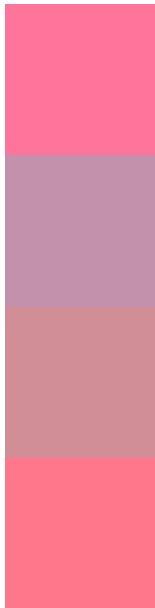
36.9307, 36.3193, 33.0808



Tritanopia

51.3078, 36.1424, 25.0408

Trichromacy



Original Color

53.3181, 36.0839, 34.7266

Protanomaly

39.9818, 34.7932, 43.1366

Deuteranomaly

41.4725, 35.1033, 33.4439

Tritanomaly

52.0573, 36.0995, 28.2689

Monochromacy



Original Color

53.3181, 36.0839, 34.7266

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

39.1484, 34.4898, 37.3947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3181, 36.0839, 34.7266 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, 116, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 154)  
}
```

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, 116, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 154) }
```

Border

The CSS property to change the border of an element to XYZ 53.3181, 36.0839, 34.7266 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, 116, 154) }
```


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

```
.border{ border-color:rgb(255, 116, 154) }
```

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

Here you see how a box with a 4 pixel rgb(255, 116, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3181, 36.0839, 34.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 154) }
```

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

```
.background{ background-color: rgb(255,  
116, 154) }
```

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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