

Converting Colors

XYZ(69.4238, 44.3469, 37.2067)

Have a look what the booklet for
XYZ(69.4238, 44.3469, 37.2067)
contains.

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Color

**XYZ(53.6569, 36.2194,
36.5108)**

Conversions

Conversions Part 1

Format	Color
Hex	FF749E
RGB	255, 116, 158
RGB Percent	100%, 45%, 62%
CMY	0.0000, 0.5451, 0.3804
CMYK	0.00, 0.55, 0.38, 0.00
HSL	342°, 100%, 73%
HSV	342°, 55%, 100%
XYZ	53.6569, 36.2194, 36.5108
YIQ	162.3490, 69.3620, 42.5300

Conversions

Conversions Part 2

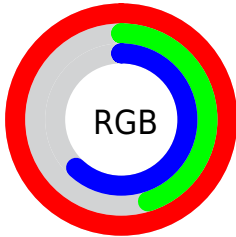
Format	Color
R _Y B	255, 116, 158
Decimal	16741534
CIE Lab	66.69, 56.83, 3.62
CIE LCh	67, 56.941, 3.642
Yxy	36.2194, 0.4245, 0.2866
Android (android.graphics.Color)	4294931614 (0xFFFF749E)
YUV	162.3490, -2.1441, 81.2549
Hunter-Lab	60.1826, 53.8256, 6.1585

Details

The XYZ color **53.6569, 36.2194, 36.5108** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.9746, 80.0379, 75.5069**, and the grayscale version is **34.4945, 36.2909, 39.5208**.

A 20% lighter version of the original color is **67.8762, 55.5185, 69.4260**, and **26.5178, 15.7626, 15.5548** is the 20% darker color. If you saturate the color by 10%, you get **49.6879, 30.5578, 28.1697**, and if you desaturate by 10%, it is **58.6563, 43.5865, 46.2904**.

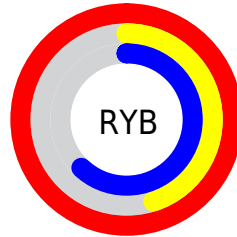
Distribution



Red (100%)

Green (45%)

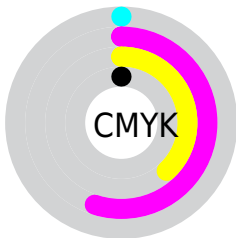
Blue (62%)



Red (100%)

Yellow (45%)

Blue (62%)

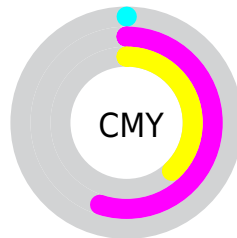


Cyan (0%)

Magenta (55%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (55%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6569, 36.2194, 36.5108 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 53.6569, 36.2194, 36.5108 by changing the saturation by 10% instead.


 53.6569, 36.2194,
36.5108


 53.6569, 36.2194,
36.5108


391.0200,
329.9185, 346.2924


 38.5570, 24.6037,
24.5361


 94.7301, 69.3706,
70.9976

 26.5945, 15.7820,
15.5159


 121.4342, 91.6748,
94.3469

 17.4039, 9.3701,
9.0316


 152.7370,
118.3107, 122.3248

 10.6200, 4.9833,
4.6647

189.0040,
149.6626, 155.3498

 5.8773, 2.2375,
1.9967

230.6004,
186.1150, 193.8406

 2.8106, 0.7403,
0.5532

277.8916,

 1.0544, 0.0000,

228.0521, 238.2155

0.0000

331.2431,
275.8585, 288.8933

■ 0.0000, 0.0000,
0.0000

■ 53.6569, 36.2194,
36.5108

■ 53.6569, 36.2194,
36.5108

■ 49.6879, 30.5578,
28.1697

■ 58.6563, 43.5865,
46.2904

■ 46.6690, 26.4568,
21.1925

■ 64.7520, 52.7771,
57.5735

■ 44.5122, 23.7566,
15.5001

■ 72.0080, 63.9054,
70.4233

■ 43.1099, 22.2594,
11.0021

■ 80.4820, 77.0744,
84.8986

■ 42.5809, 21.7964,
8.9917

■ 90.2282, 92.3798,
101.0551

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.



51.4273, 36.2194, 64.3571



53.6569, 36.2194, 36.5108



50.0699, 36.2194, 18.6234

Triad

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



53.6569, 36.2194, 36.5108



26.0698, 36.2194, 11.7280



27.6072, 36.2194, 98.7393

Complementary

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



53.6569, 36.2194, 36.5108



54.9746, 80.0379, 75.5069

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.



22.4351, 36.2194, 71.8354



53.6569, 36.2194, 36.5108



21.6565, 36.2194, 21.9572

Square

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



53.6569, 36.2194, 36.5108



33.3880, 36.2194, 8.5780



20.4449, 36.2194, 42.5150



35.4842, 36.2194, 107.8907

Rectangle

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



53.6569, 36.2194, 36.5108



45.1628, 36.2194, 12.3099



20.4449, 36.2194, 42.5150



25.5410, 36.2194, 91.0448

Sweetspot

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



53.6579, 36.2213, 36.5115



79.1371, 74.9744, 82.6315



51.1562, 33.5594, 98.3889



16.5516, 15.4446, 17.0307



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.



53.6579, 36.2213, 36.5115



49.5174, 30.3201, 27.7941



53.9901, 41.7157, 21.7318



18.2352, 18.0774, 19.8559



22.3070, 11.4121, 5.0009



2.2179, 1.1295, 0.7289

Inverse Universe

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



53.6579, 36.2213, 36.5115



49.5174, 30.3201, 27.7941



53.4164, 67.2593, 104.7746



18.2352, 18.0774, 19.8559



22.3070, 11.4121, 5.0009



2.2179, 1.1295, 0.7289

Previews

White Background



This preview shows how the XYZ color 53.6569, 36.2194, 36.5108 looks on a white background.

Color Contrast Check

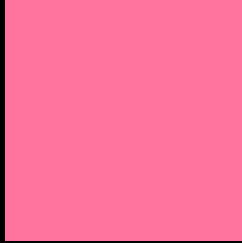
Large Text (above 18pt) WCAG AA × Fail

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 53.6569, 36.2194, 36.5108 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 53.6569, 36.2194, 36.5108

Background



This preview shows how black text looks on a background with the XYZ color 53.6569, 36.2194, 36.5108.



This preview shows how white text looks on a background with the XYZ color 53.6569, 36.2194,

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

53.6569, 36.2194, 36.5108

Protanopia

35.7999, 36.3634, 51.0309

Deuteranopia

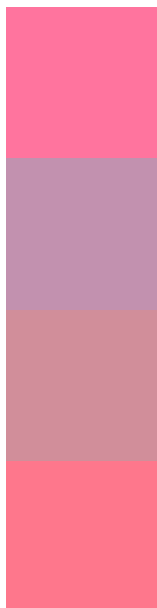
36.9343, 36.2934, 34.3368



Tritanopia

51.3746, 36.1691, 25.3927

Trichromacy



Original Color

53.6569, 36.2194, 36.5108

Protanomaly

40.1114, 34.8153, 45.1634

Deuteranomaly

41.8002, 35.2344, 35.1697

Tritanomaly

52.2035, 36.1579, 29.0387

Monochromacy



Original Color

53.6569, 36.2194, 36.5108

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

39.3234, 34.5598, 38.3163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6569, 36.2194, 36.5108 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 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(255, 116, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 158) }
```

Border

The CSS property to change the border of an element to XYZ 53.6569, 36.2194, 36.5108 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, 158) }
```


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

```
.border{ border-color:rgb(255, 116, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6569, 36.2194, 36.5108 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, 158) }
```

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

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