

Converting Colors

XYZ(53.4682, 36.5168, 34.3673)

Have a look what the booklet for
XYZ(53.4682, 36.5168, 34.3673)
contains.

XYZ(53.4682, 36.5168, 34.3673)	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(53.4682, 36.5168,
34.3673)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7699
RGB	255, 118, 153
RGB Percent	100%, 46%, 60%
CMY	0.0000, 0.5372, 0.4000
CMYK	0.00, 0.54, 0.40, 0.00
HSL	345°, 100%, 73%
HSV	345°, 54%, 100%
XYZ	53.4682, 36.5168, 34.3673
YIQ	162.9530, 70.4170, 39.9290

Conversions

Conversions Part 2

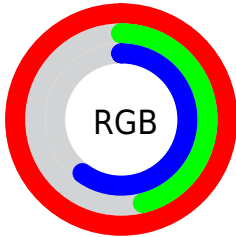
Format	Color
R_{YB}	255, 118, 153
Decimal	16742041
CIE _{Lab}	66.91, 55.37, 6.78
CIE _{LCh}	67, 55.782, 6.981
Yxy	36.5168, 0.4300, 0.2937
Android (android.graphics.Color)	4294932121 (0xFFFF7699)
YUV	162.9530, -4.9068, 80.7252
Hunter-Lab	60.4291, 52.1873, 8.5809

Details

The XYZ color **53.4682, 36.5168, 34.3673** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.1515, 80.5397, 80.3015**, and the grayscale version is **34.7910, 36.6029, 39.8605**.

A 20% lighter version of the original color is **67.6385, 56.0371, 66.2828**, and **26.3690, 15.8739, 14.2445** is the 20% darker color. If you saturate the color by 10%, you get **49.4153, 30.7242, 25.8854**, and if you desaturate by 10%, it is **58.5840, 44.0359, 44.4353**.

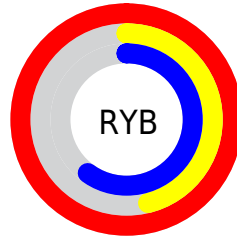
Distribution



Red (100%)

Green (46%)

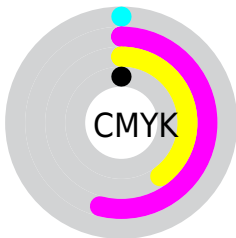
Blue (60%)



Red (100%)

Yellow (46%)

Blue (60%)

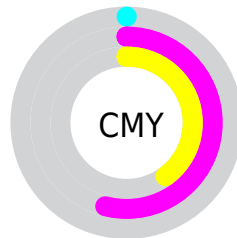


Cyan (0%)

Magenta (54%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4682, 36.5168, 34.3673 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 53.4682, 36.5168, 34.3673 by changing the saturation by 10% instead.


 53.4682, 36.5168,
34.3673


 53.4682, 36.5168,
34.3673


390.3104,
331.2138, 336.5858


 38.4056, 24.8336,
22.8963


 94.4544, 69.8290,
67.6449

 26.4763, 15.9531,
14.3124


 121.1088, 92.2268,
90.2885

 17.3149, 9.4910,
8.1970


 152.3579,
118.9649, 117.4933

 10.5559, 5.0628,
4.1317

188.5669,
150.4276, 149.6780

 5.8342, 2.2842,
1.6979

230.1014,
186.9995, 187.2611

 2.7842, 0.7653,
0.3593

277.3265,

 1.0407, 0.0000,

229.0649, 230.6610

0.0000

330.6077,
277.0082, 280.2964

■ 0.0000, 0.0000,
0.0000

■ 53.4682, 36.5168,
34.3673

■ 53.4682, 36.5168,
34.3673

■ 49.4153, 30.7242,
25.8854

■ 58.5840, 44.0359,
44.4353

■ 46.3437, 26.5137,
18.9031

■ 64.8305, 53.3994,
56.1651

■ 44.1638, 23.7265,
13.3283

■ 72.2729, 64.7213,
69.6298

■ 42.7669, 22.1674,
9.0561

■ 80.9706, 78.1048,
84.8975

■ 42.1980, 21.6432,
6.9752

■ 90.9791, 93.6458,
102.0325

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.



51.9181, 36.5168, 60.8796



53.4682, 36.5168, 34.3673



49.3770, 36.5168, 17.8193

Triad

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



53.4682, 36.5168, 34.3673



25.8207, 36.5168, 12.9646



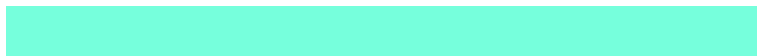
28.7330, 36.5168, 99.8270

Complementary

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



53.4682, 36.5168, 34.3673



56.1515, 80.5397, 80.3015

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.



23.2768, 36.5168, 74.8468



53.4682, 36.5168, 34.3673



21.7959, 36.5168, 24.1958

Square

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



53.4682, 36.5168, 34.3673



32.7700, 36.5168, 9.1444



20.9466, 36.5168, 45.6905



36.7212, 36.5168, 106.1652

Rectangle

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



53.4682, 36.5168, 34.3673



44.3388, 36.5168, 12.1096



20.9466, 36.5168, 45.6905



26.5839, 36.5168, 92.9507

Sweetspot

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



53.4692, 36.5187, 34.3680



78.8763, 74.8701, 81.2581



53.5832, 35.1566, 98.5694



16.4900, 15.4199, 16.7062



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.



53.4692, 36.5187, 34.3680



49.3172, 30.5866, 25.6716



55.4125, 44.3722, 22.7862



18.1997, 18.0632, 19.6690



22.1000, 11.3293, 3.9114



2.1938, 1.1199, 0.6019

Inverse Universe

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



53.4692, 36.5187, 34.3680



49.3172, 30.5866, 25.6716



51.9194, 63.8663, 104.1986



18.1997, 18.0632, 19.6690



22.1000, 11.3293, 3.9114



2.1938, 1.1199, 0.6019

Previews

White Background



This preview shows how the XYZ color 53.4682, 36.5168, 34.3673 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 53.4682, 36.5168, 34.3673 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 53.4682, 36.5168, 34.3673

Background



This preview shows how black text looks on a background with the XYZ color 53.4682, 36.5168, 34.3673.



This preview shows how white text looks on a background with the XYZ color 53.4682, 36.5168,

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

53.4682, 36.5168, 34.3673

Protanopia

35.8565, 36.7364, 47.3205

Deuteranopia

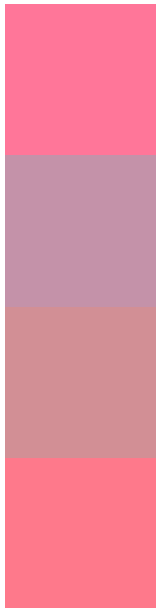
37.3310, 36.5348, 32.6881



Tritanopia

51.5643, 36.4404, 25.7887

Trichromacy



Original Color

53.4682, 36.5168, 34.3673

Protanomaly

40.2053, 35.1581, 42.2033

Deuteranomaly

41.8256, 35.5165, 33.0847

Tritanomaly

52.3706, 36.6097, 28.7322

Monochromacy



Original Color

53.4682, 36.5168, 34.3673

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

39.4567, 35.1064, 37.4975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4682, 36.5168, 34.3673 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 153) }
```

Border

The CSS property to change the border of an element to XYZ 53.4682, 36.5168, 34.3673 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, 153) }
```


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

```
.border{ border-color:rgb(255, 118, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4682, 36.5168, 34.3673 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
118, 153) }
```

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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