

Converting Colors

XYZ(53.7082, 36.9648, 34.5460)

Have a look what the booklet for
XYZ(53.7082, 36.9648, 34.5460)
contains.

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Color

**XYZ(53.7062, 36.9928,
34.4467)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7899
RGB	255, 120, 153
RGB Percent	100%, 47%, 60%
CMY	0.0000, 0.5294, 0.4000
CMYK	0.00, 0.53, 0.40, 0.00
HSL	345°, 100%, 74%
HSV	345°, 53%, 100%
XYZ	53.7062, 36.9928, 34.4467
YIQ	164.1270, 69.8670, 38.8830

Conversions

Conversions Part 2

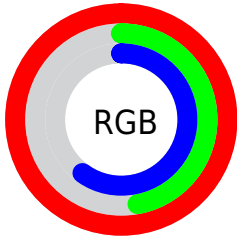
Format	Color
RYB	255, 120, 153
Decimal	16742553
CIELab	67.27, 54.43, 7.29
CIElCh	67, 54.920, 7.632
Yxy	36.9928, 0.4291, 0.2956
Android (android.graphics.Color)	4294932633 (0xFFFF7899)
YUV	164.1270, -5.4856, 79.6956
Hunter-Lab	60.8217, 51.1794, 8.9960

Details

The XYZ color **53.7062, 36.9928, 34.4467** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.6925, 80.7878, 81.7176**, and the grayscale version is **35.3502, 37.1912, 40.5012**.

A 20% lighter version of the original color is **68.0278, 56.8157, 66.4125**, and **26.5367, 16.2092, 14.3004** is the 20% darker color. If you saturate the color by 10%, you get **49.5724, 31.0698, 25.8411**, and if you desaturate by 10%, it is **58.9153, 44.6552, 44.6792**.

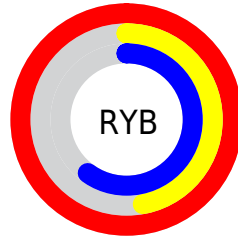
Distribution



Red (100%)

Green (47%)

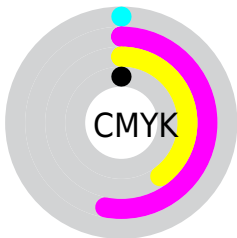
Blue (60%)



Red (100%)

Yellow (47%)

Blue (60%)

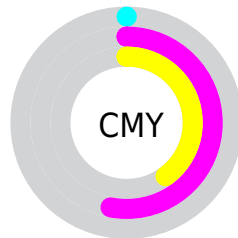


Cyan (0%)

Magenta (53%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7062, 36.9928, 34.4467 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 53.7062, 36.9928, 34.4467 by changing the saturation by 10% instead.


 53.7062, 36.9928,
34.4467


 53.7062, 36.9928,
34.4467

391.2053,
333.2793, 336.9491


 38.5966, 25.2019,
22.9568

 94.8022, 70.5617,
67.7695

 26.6253, 16.2276,
14.3566


 121.5192, 93.1085,
90.4396

 17.4272, 9.6853,
8.2276

 152.8360,
120.0094, 117.6735

 10.6367, 5.1908,
4.1510

189.1181,
151.6489, 149.8897

 5.8886, 2.3597,
1.7086

230.7307,
188.4112, 187.5069

 2.8175, 0.8050,
0.3666

278.0392,

 1.0580, 0.0000,

230.6807, 230.9434

0.0000

331.4089,
278.8420, 280.6180

■ 0.0000, 0.0000,
0.0000

■ 53.7062, 36.9928,
34.4467

■ 53.7062, 36.9928,
34.4467

■ 49.5724, 31.0698,
25.8411

■ 58.9153, 44.6552,
44.6792

■ 46.4324, 26.7427,
18.7735

■ 65.2674, 54.1740,
56.6167

■ 44.1970, 23.8547,
13.1487

■ 72.8279, 65.6626,
70.3347

■ 42.7585, 22.2137,
8.8589

■ 81.6562, 79.2238,
85.9033

■ 42.1184, 21.6113,
6.5557

■ 91.8080, 94.9532,
103.3889

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.



52.2976, 36.9928, 60.5546



53.7062, 36.9928, 34.4467



49.5541, 36.9928, 18.1343

Triad

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



53.7062, 36.9928, 34.4467



26.1978, 36.9928, 13.6420



29.3691, 36.9928, 99.9286

Complementary

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



53.7062, 36.9928, 34.4467



56.6925, 80.7878, 81.7176

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.



23.8648, 36.9928, 75.6075



53.7062, 36.9928, 34.4467



22.2474, 36.9928, 25.1246

Square

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



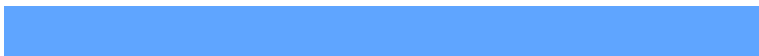
53.7062, 36.9928, 34.4467



33.0603, 36.9928, 9.6395



21.4670, 36.9928, 46.7348



37.3479, 36.9928, 105.6582

Rectangle

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



53.7062, 36.9928, 34.4467



44.5283, 36.9928, 12.4929



21.4670, 36.9928, 46.7348



27.2084, 36.9928, 93.2930

Sweetspot

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



53.7072, 36.9947, 34.4474



78.8151, 74.8456, 80.9359



54.6629, 36.0665, 98.6881



16.4756, 15.4142, 16.6302



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.



53.7072, 36.9947, 34.4474



49.1933, 30.5371, 25.0192



56.1459, 45.6469, 23.6233



18.1914, 18.0599, 19.6250



22.0567, 11.3120, 3.6831



2.1886, 1.1178, 0.5744

Inverse Universe

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



53.7072, 36.9947, 34.4474



49.1933, 30.5371, 25.0192



51.7198, 63.0596, 104.0534



18.1914, 18.0599, 19.6250



22.0567, 11.3120, 3.6831



2.1886, 1.1178, 0.5744

Previews

White Background



This preview shows how the XYZ color 53.7062, 36.9928, 34.4467 looks on a white background.

Color Contrast Check

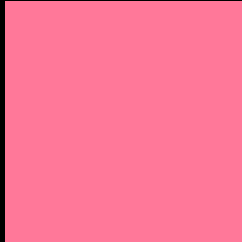
Large Text (above 18pt) WCAG AA × Fail

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 53.7062, 36.9928, 34.4467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

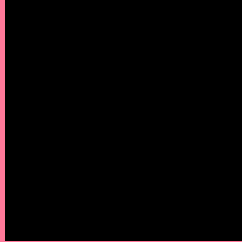
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7062, 36.9928, 34.4467

Background



This preview shows how black text looks on a background with the XYZ color 53.7062, 36.9928, 34.4467.



This preview shows how white text looks on a background with the XYZ color 53.7062, 36.9928,

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

53.7062, 36.9928, 34.4467

Protanopia

36.1373, 37.1552, 46.8620

Deuteranopia

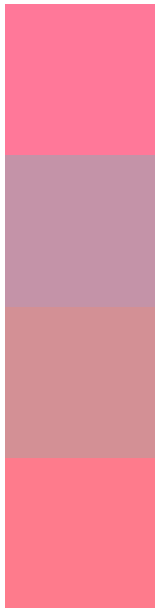
37.7430, 36.9994, 32.7561



Tritanopia

51.8805, 36.9639, 26.2301

Trichromacy



Original Color

53.7062, 36.9928, 34.4467

Protanomaly

40.2666, 35.4304, 41.7623

Deuteranomaly

42.2620, 35.9653, 33.1483

Tritanomaly

52.6896, 37.1302, 29.2007

Monochromacy



Original Color

53.7062, 36.9928, 34.4467

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.9610, 35.5882, 38.0207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7062, 36.9928, 34.4467 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, 120, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 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, 120, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 153) }
```

Border

The CSS property to change the border of an element to XYZ 53.7062, 36.9928, 34.4467 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, 120, 153) }
```


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

```
.border{ border-color:rgb(255, 120, 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, 120, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7062, 36.9928, 34.4467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 153) }
```

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

```
.background{ background-color: rgb(255,  
120, 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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