

Converting Colors

XYZ(53.2812, 36.3106, 33.7880)

Have a look what the booklet for
XYZ(53.2812, 36.3106, 33.7880)
contains.

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Color

**XYZ(53.2688, 36.2496,
33.8951)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7598
RGB	255, 117, 152
RGB Percent	100%, 46%, 60%
CMY	0.0000, 0.5411, 0.4039
CMYK	0.00, 0.54, 0.40, 0.00
HSL	345°, 100%, 73%
HSV	345°, 54%, 100%
XYZ	53.2688, 36.2496, 33.8951
YIQ	162.2520, 71.0130, 40.1410

Conversions

Conversions Part 2

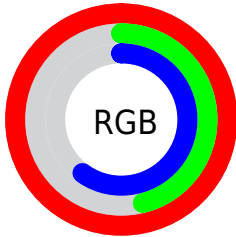
Format	Color
RYB	255, 117, 152
Decimal	16741784
CIELab	66.71, 55.73, 7.06
CIELCh	67, 56.174, 7.217
Yxy	36.2496, 0.4316, 0.2937
Android (android.graphics.Color)	4294931864 (0xFFFF7598)
YUV	162.2520, -5.0542, 81.3400
Hunter-Lab	60.2076, 52.5648, 8.7669

Details

The XYZ color **53.2688, 36.2496, 33.8951** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.0164, 80.4701, 80.2950**, and the grayscale version is **34.4617, 36.2564, 39.4832**.

A 20% lighter version of the original color is **67.3241, 55.6034, 65.5767**, and **26.2658, 15.7464, 13.9669** is the 20% darker color. If you saturate the color by 10%, you get **49.2560, 30.5219, 25.4737**, and if you desaturate by 10%, it is **58.3427, 43.6991, 43.9051**.

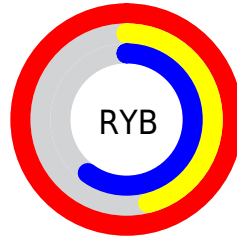
Distribution



Red (100%)

Green (46%)

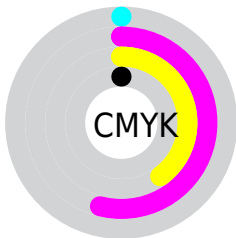
Blue (60%)



Red (100%)

Yellow (46%)

Blue (60%)

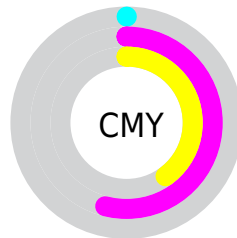


Cyan (0%)

Magenta (54%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2688, 36.2496, 33.8951 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 53.2688, 36.2496, 33.8951 by changing the saturation by 10% instead.


 53.2688, 36.2496,
33.8951

 53.2688, 36.2496,
33.8951


389.5595,
330.0502, 334.4189


 38.2457, 24.6270,
22.5363


 94.1630, 69.4171,
66.9025

 26.3515, 15.7994,
14.0494


 120.7648, 91.7309,
89.3883

 17.2209, 9.3823,
8.0159


 151.9570,
118.3772, 116.4201

 10.4884, 4.9914,
4.0172

188.1047,
149.7404, 148.4165

 5.7887, 2.2422,
1.6348

229.5735,
186.2049, 185.7960

 2.7564, 0.7429,
0.3155

276.7287,

 1.0263, 0.0000,

228.1551, 228.9772

0.0000

329.9356,
275.9754, 278.3787

■ 0.0000, 0.0000,
0.0000

■ 53.2688, 36.2496,
33.8951

■ 53.2688, 36.2496,
33.8951

■ 49.2560, 30.5219,
25.4737

■ 58.3427, 43.6991,
43.9051

■ 46.2221, 26.3708,
18.5537

■ 64.5458, 52.9889,
55.5801

■ 44.0770, 23.6365,
13.0419

■ 71.9437, 64.2334,
68.9940

■ 42.7108, 22.1218,
8.8320

■ 80.5960, 77.5362,
84.2153

■ 42.1844, 21.6378,
6.9033

■ 90.5583, 92.9934,
101.3088

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.



51.7569, 36.2496, 60.4270



53.2688, 36.2496, 33.8951



49.1193, 36.2496, 17.4459

Triad

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



53.2688, 36.2496, 33.8951



25.5125, 36.2496, 12.7590



28.5244, 36.2496, 99.9825

Complementary

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



53.2688, 36.2496, 33.8951



56.0164, 80.4701, 80.2950

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.



23.0438, 36.2496, 74.9364



53.2688, 36.2496, 33.8951



21.5142, 36.2496, 24.0227

Square

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



53.2688, 36.2496, 33.8951



32.4483, 36.2496, 8.9239



20.6909, 36.2496, 45.6242



36.5410, 36.2496, 106.1821

Rectangle

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



53.2688, 36.2496, 33.8951



44.0463, 36.2496, 11.8087



20.6909, 36.2496, 45.6242



26.3667, 36.2496, 93.1041

Sweetspot

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



53.2698, 36.2515, 33.8958



78.8660, 74.8659, 81.2040



53.3861, 34.8811, 98.5266



16.4876, 15.4190, 16.6935



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.



53.2698, 36.2515, 33.8958



48.9491, 30.0928, 24.8016



55.2314, 44.1047, 22.4342



18.1983, 18.0626, 19.6616



22.0926, 11.3263, 3.8723



2.1929, 1.1195, 0.5973

Inverse Universe

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



53.2698, 36.2515, 33.8958



48.9491, 30.0928, 24.8016



51.7220, 63.6720, 104.1715



18.1983, 18.0626, 19.6616



22.0926, 11.3263, 3.8723



2.1929, 1.1195, 0.5973

Previews

White Background



This preview shows how the XYZ color 53.2688, 36.2496, 33.8951 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 53.2688, 36.2496, 33.8951 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 53.2688, 36.2496, 33.8951

Background



This preview shows how black text looks on a background with the XYZ color 53.2688, 36.2496, 33.8951.



This preview shows how white text looks on a background with the XYZ color 53.2688, 36.2496,

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

53.2688, 36.2496, 33.8951

Protanopia

35.5541, 36.5921, 46.7840

Deuteranopia

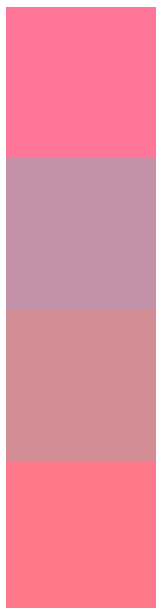
37.2529, 36.5036, 32.2766



Tritanopia

51.3746, 36.1691, 25.3927

Trichromacy



Original Color

53.2688, 36.2496, 33.8951

Protanomaly

39.8524, 34.9870, 41.6985

Deuteranomaly

41.5966, 35.1858, 32.6161

Tritanomaly

52.1770, 36.3388, 28.3088

Monochromacy



Original Color

53.2688, 36.2496, 33.8951

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

39.2154, 34.7622, 36.9906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2688, 36.2496, 33.8951 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 152) }
```

Border

The CSS property to change the border of an element to XYZ 53.2688, 36.2496, 33.8951 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, 152) }
```


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

```
.border{ border-color:rgb(255, 117, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2688, 36.2496, 33.8951 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
117, 152) }
```

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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