

Converting Colors

XYZ(53.4484, 36.5300, 41.2798)

Have a look what the booklet for
XYZ(53.4484, 36.5300, 41.2798)
contains.

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Color

**XYZ(53.4484, 36.5300,
41.2798)**

Conversions

Conversions Part 1

Format	Color
Hex	FB77A8
RGB	251, 119, 168
RGB Percent	98%, 47%, 66%
CMY	0.0157, 0.5333, 0.3412
CMYK	0.00, 0.53, 0.33, 0.02
HSL	338°, 94%, 73%
HSV	338°, 53%, 98%
XYZ	53.4484, 36.5300, 41.2798
YIQ	164.0540, 62.9430, 43.2230

Conversions

Conversions Part 2

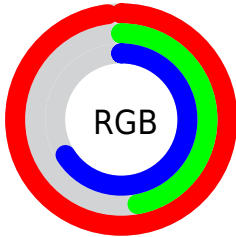
Format	Color
R _Y B	251, 119, 168
Decimal	16480168
CIE Lab	66.92, 55.27, -1.78
CIE LCh	67, 55.303, 358.155
Yxy	36.5300, 0.4072, 0.2783
Android (android.graphics.Color)	4294670248 (0xFFFB77A8)
YUV	164.0540, 1.9454, 76.2516
Hunter-Lab	60.4401, 52.0812, 1.8137

Details

The XYZ color **53.4484, 36.5300, 41.2798** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.7675, 77.1816, 67.9977**, and the grayscale version is **35.2835, 37.1210, 40.4248**.

A 20% lighter version of the original color is **69.8893, 57.2477, 77.1784**, and **26.4716, 16.0041, 18.2169** is the 20% darker color. If you saturate the color by 10%, you get **49.4636, 30.7723, 33.1319**, and if you desaturate by 10%, it is **58.4024, 43.9400, 50.6320**.

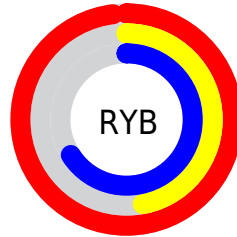
Distribution



Red (98%)

Green (47%)

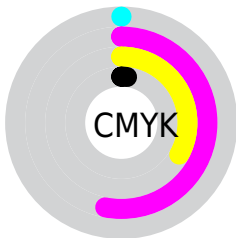
Blue (66%)



Red (98%)

Yellow (47%)

Blue (66%)

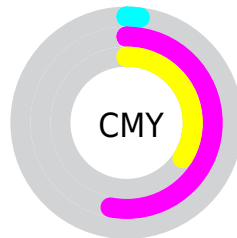


Cyan (0%)

Magenta (53%)

Yellow (33%)

Black (2%)



Cyan (2%)


Magenta (53%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4484, 36.5300, 41.2798 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 53.4484, 36.5300, 41.2798 by changing the saturation by 10% instead.


 53.4484, 36.5300,
41.2798

 53.4484, 36.5300,
41.2798


390.2358,
331.2712, 367.1999


 38.3898, 24.8438,
28.2164

 94.4255, 69.8493,
78.3667

 26.4639, 15.9607,
18.2484


 121.0747, 92.2512,
103.2274

 17.3055, 9.4964,
10.9572


 152.3181,
118.9939, 132.8575

 10.5492, 5.0663,
5.9243

188.5211,
150.4616, 167.6758

 5.8296, 2.2862,
2.7310

230.0490,
187.0388, 208.1006

 2.7814, 0.7664,
0.9590

277.2672,

 1.0393, 0.0000,

229.1098, 254.5505

0.0000

330.5410,
277.0592, 307.4441

■ 0.0000, 0.0000,
0.0000

■ 53.4484, 36.5300,
41.2798

■ 53.4484, 36.5300,
41.2798

■ 49.4636, 30.7723,
33.1319

■ 58.4024, 43.9400,
50.6320

■ 46.3749, 26.5318,
26.1316

■ 64.3852, 53.1124,
61.2372

■ 44.1034, 23.6608,
20.2196

■ 71.4549, 64.1542,
73.1435

■ 42.5530, 21.9790,
15.3285

■ 79.6645, 77.1623,
86.3957

■ 41.7670, 21.3026,
12.3052

■ 89.0631, 92.2268,
101.0363

93.5938, 99.2493,
108.8318

Harmonies

Analogous

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



50.2896, 36.5300, 69.4371



53.4484, 36.5300, 41.2798



50.9569, 36.5300, 21.7290

Triad

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



53.4484, 36.5300, 41.2798



27.6577, 36.5300, 11.3808



26.8924, 36.5300, 93.2789

Complementary

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



53.4484, 36.5300, 41.2798



52.7675, 77.1816, 67.9977

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.



22.3614, 36.5300, 65.7713



53.4484, 36.5300, 41.2798



22.7506, 36.5300, 20.0537

Square

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



53.4484, 36.5300, 41.2798



35.2422, 36.5300, 9.1793



20.9751, 36.5300, 38.3071



34.2043, 36.5300, 106.0419

Rectangle

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



53.4484, 36.5300, 41.2798



46.6204, 36.5300, 14.3470



20.9751, 36.5300, 38.3071



25.0406, 36.5300, 85.0193

Sweetspot

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



53.4494, 36.5319, 41.2805



79.5282, 75.1308, 84.6911



47.9375, 32.4954, 95.0127



16.6442, 15.4816, 17.5183



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.



53.4494, 36.5319, 41.2805



51.1050, 31.6602, 33.9809



51.6954, 39.0041, 22.2590



17.5110, 17.3318, 19.2807



22.0187, 11.2232, 6.8071



2.0886, 1.0592, 0.8902

Inverse Universe

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



53.4494, 36.5319, 41.2805



51.1050, 31.6602, 33.9809



54.9021, 70.6490, 102.0100



17.5110, 17.3318, 19.2807



22.0187, 11.2232, 6.8071



2.0886, 1.0592, 0.8902

Previews

White Background



This preview shows how the XYZ color 53.4484, 36.5300, 41.2798 looks on a white background.

Color Contrast Check

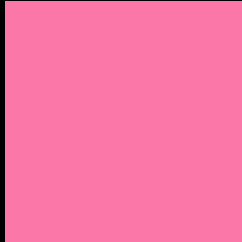
Large Text (above 18pt) WCAG AA × Fail

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 53.4484, 36.5300, 41.2798 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 53.4484, 36.5300, 41.2798

Background



This preview shows how black text looks on a background with the XYZ color 53.4484, 36.5300, 41.2798.



This preview shows how white text looks on a background with the XYZ color 53.4484, 36.5300,

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

53.4484, 36.5300, 41.2798

Protanopia

36.4810, 36.8487, 56.8195

Deuteranopia

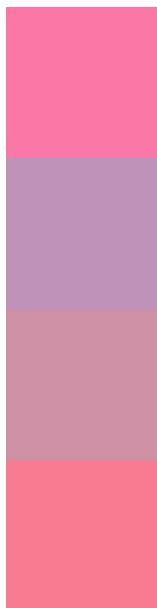
37.3389, 36.6461, 39.2878



Tritanopia

50.3481, 36.3449, 26.9159

Trichromacy



Original Color

53.4484, 36.5300, 41.2798

Protanomaly

40.5217, 35.1369, 50.5453

Deuteranomaly

41.8509, 35.6060, 39.7888

Tritanomaly

51.3382, 36.3810, 31.5105

Monochromacy



Original Color

53.4484, 36.5300, 41.2798

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

40.1464, 35.6322, 40.3591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4484, 36.5300, 41.2798 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(251, 119, 168)` looks like.

```
.text, #text, p{  
    color:rgb(251, 119, 168)  
}
```

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(251, 119, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 119, 168) }
```

Border

The CSS property to change the border of an element to XYZ 53.4484, 36.5300, 41.2798 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(251, 119, 168) }
```


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

```
.border{ border-color:rgb(251, 119, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 119, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 119, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 119, 168);  
box-shadow:4px 4px 4px 4px rgb(251, 119,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4484, 36.5300, 41.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 119, 168) }
```

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

```
.background{ background-color: rgb(251,  
119, 168) }
```

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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