

Converting Colors

XYZ(53.3794, 32.5201, 46.1114)

Have a look what the booklet for
XYZ(53.3794, 32.5201, 46.1114)
contains.

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Color

**XYZ(53.3794, 32.5201,
46.1114)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5EB3
RGB	255, 94, 179
RGB Percent	100%, 37%, 70%
CMY	0.0000, 0.6313, 0.2980
CMYK	0.00, 0.63, 0.30, 0.00
HSL	328°, 100%, 68%
HSV	328°, 63%, 100%
XYZ	53.3794, 32.5201, 46.1114
YIQ	151.8290, 68.6710, 60.5670

Conversions

Conversions Part 2

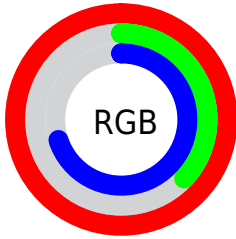
Format	Color
R_{YB}	255, 94, 179
Decimal	16735923
CIE _{Lab}	63.77, 68.69, -12.66
CIE _{LCh}	64, 69.842, 349.559
Yxy	32.5201, 0.4044, 0.2463
Android (android.graphics.Color)	4294926003 (0xFFFF5EB3)
YUV	151.8290, 13.3953, 90.4810
Hunter-Lab	57.0264, 67.2882, -8.0233

Details

The XYZ color **53.3794, 32.5201, 46.1114** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **47.6336, 76.8028, 50.3484**, and the grayscale version is **29.6962, 31.2427, 34.0233**.

A 20% lighter version of the original color is **67.4636, 49.7146, 84.6374**, and **26.3407, 13.6290, 20.9810** is the 20% darker color. If you saturate the color by 10%, you get **50.3097, 28.2447, 39.3413**, and if you desaturate by 10%, it is **57.3058, 38.3385, 53.6921**.

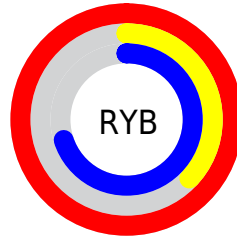
Distribution



Red (100%)

Green (37%)

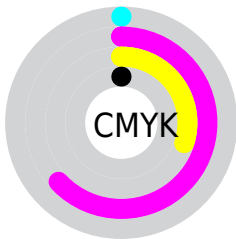
Blue (70%)



Red (100%)

Yellow (37%)

Blue (70%)

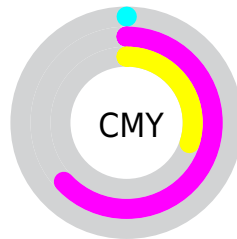


Cyan (0%)

Magenta (63%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3794, 32.5201, 46.1114 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 53.3794, 32.5201, 46.1114 by changing the saturation by 10% instead.


 53.3794, 32.5201,
46.1114


 53.3794, 32.5201,
46.1114


389.9761,
313.4817, 387.5469


 38.3344, 21.7591,
31.9844


 94.3247, 63.6256,
85.7217


 26.4207, 13.6800,
21.0849


 120.9557, 84.7388,
112.0422

 17.2730, 7.8984,
12.9942


 152.1794,
110.0715, 143.2642

 10.5258, 4.0300,
7.2939

 188.3611,
140.0081, 179.8064

 5.8139, 1.6904,
3.5653

229.8664,
174.9331, 222.0872

 2.7718, 0.4174,
1.3901

277.0604,

 1.0343, 0.0000,

215.2307, 270.5252

0.1339

330.3085,
261.2855, 325.5389

■ 0.0000, 0.0000,
0.0000

■ 53.3794, 32.5201,
46.1114

■ 53.3794, 32.5201,
46.1114

■ 50.3097, 28.2447,
39.3413

■ 57.3058, 38.3385,
53.6921

■ 48.0143, 25.3525,
33.3401

■ 62.1554, 45.8290,
62.1175

■ 46.3978, 23.6566,
28.0625

■ 67.9908, 55.1129,
71.4213

■ 45.5866, 22.9986,
24.8186

■ 74.8681, 66.2984,
81.6340

■ 82.8392, 79.4854,
92.7846

91.9521, 94.7666,
104.9005

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.



47.5748, 32.5201, 83.1906



53.3794, 32.5201, 46.1114



52.2716, 32.5201, 20.2459

Triad

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



53.3794, 32.5201, 46.1114



25.0228, 32.5201, 5.0218



20.2308, 32.5201, 94.3744

Complementary

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



53.3794, 32.5201, 46.1114



47.6336, 76.8028, 50.3484

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.



16.3413, 32.5201, 56.7121



53.3794, 32.5201, 46.1114



18.6762, 32.5201, 10.6785

Square

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



53.3794, 32.5201, 46.1114



34.4498, 32.5201, 4.4420



15.8398, 32.5201, 26.5055



27.6202, 32.5201, 119.3617

Rectangle

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



53.3794, 32.5201, 46.1114



47.8235, 32.5201, 10.9670



15.8398, 32.5201, 26.5055



18.5434, 32.5201, 82.0723

Sweetspot

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



53.3803, 32.5217, 46.1120



78.0276, 71.5014, 86.1280



38.4454, 23.6774, 97.1516



16.2289, 14.5258, 17.7657



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.



53.3803, 32.5217, 46.1120



49.5763, 27.2816, 37.5444



47.5137, 30.1751, 15.2189



18.4101, 18.1474, 20.7767



23.8961, 12.0477, 13.3692



2.3819, 1.1951, 1.5926

Inverse Universe

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



53.3803, 32.5217, 46.1120



49.5763, 27.2816, 37.5444



57.5749, 80.7793, 102.6990



18.4101, 18.1474, 20.7767



23.8961, 12.0477, 13.3692



2.3819, 1.1951, 1.5926

Previews

White Background



This preview shows how the XYZ color 53.3794, 32.5201, 46.1114 looks on a white background.

Color Contrast Check

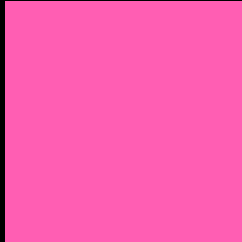
Large Text (above 18pt) WCAG AA × Fail

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 53.3794, 32.5201, 46.1114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

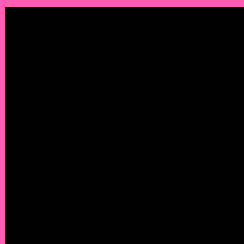
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3794, 32.5201, 46.1114

Background



This preview shows how black text looks on a background with the XYZ color 53.3794, 32.5201, 46.1114.



This preview shows how white text looks on a background with the XYZ color 53.3794, 32.5201,

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

53.3794, 32.5201, 46.1114

Protanopia

34.1410, 33.0181, 72.2839

Deuteranopia

33.3176, 32.7549, 43.0944



Tritanopia

48.0454, 32.5222, 20.2681

Trichromacy



Original Color

53.3794, 32.5201, 46.1114



Protanomaly

37.6308, 30.3753, 61.6373



Deuteranomaly

38.3876, 30.7570, 43.9579



Tritanomaly

49.7554, 32.4602, 28.0691

Monochromacy



Original Color

53.3794, 32.5201, 46.1114



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

35.6242, 29.6601, 38.0298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3794, 32.5201, 46.1114 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, 94, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 179)  
}
```

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, 94, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.3794, 32.5201, 46.1114 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, 94, 179) }
```


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

```
.border{ border-color:rgb(255, 94, 179) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3794, 32.5201, 46.1114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 179) }
```

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

```
.background{ background-color: rgb(255, 94,  
179) }
```

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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