

Converting Colors

XYZ(56.5075, 33.7147, 64.3884)

Have a look what the booklet for
XYZ(56.5075, 33.7147, 64.3884)
contains.

XYZ(56.5086, 33.7294, 64.5049)	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(56.5086, 33.7294,
64.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	FE5ED2
RGB	254, 94, 210
RGB Percent	100%, 37%, 82%
CMY	0.0039, 0.6313, 0.1765
CMYK	0.00, 0.63, 0.17, 0.00
HSL	317°, 99%, 68%
HSV	317°, 63%, 100%
XYZ	56.5086, 33.7294, 64.5049
YIQ	155.0640, 58.1240, 69.9960

Conversions

Conversions Part 2

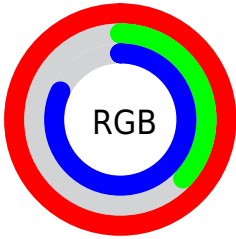
Format	Color
RYB	254, 94, 210
Decimal	16670418
CIELab	64.75, 72.38, -28.75
CIElCh	65, 77.885, 338.335
Yxy	33.7294, 0.3652, 0.2180
Android (android.graphics.Color)	4294860498 (0xFFFE5ED2)
YUV	155.0640, 27.0834, 86.7669
Hunter-Lab	58.0770, 72.0447, -25.1982

Details

The XYZ color **56.5086, 33.7294, 64.5049** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **44.6471, 75.0994, 36.1905**, and the grayscale version is **31.0516, 32.6687, 35.5762**.

A 20% lighter version of the original color is **70.6812, 51.2625, 100.7771**, and **28.4514, 14.4097, 32.2921** is the 20% darker color. If you saturate the color by 10%, you get **53.7587, 29.5917, 59.3878**, and if you desaturate by 10%, it is **60.0414, 39.3711, 70.0710**.

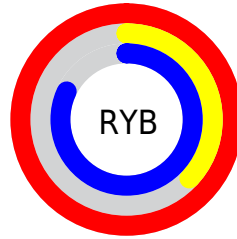
Distribution



Red (100%)

Green (37%)

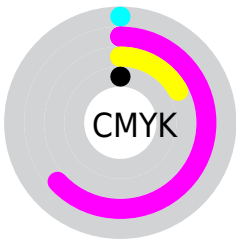
Blue (82%)



Red (100%)

Yellow (37%)

Blue (82%)

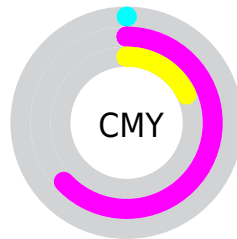


Cyan (0%)

Magenta (63%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5086, 33.7294, 64.5049 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 56.5086, 33.7294, 64.5049 by changing the saturation by 10% instead.


 56.5086, 33.7294,
64.5049

 56.5086, 33.7294,
64.5049

401.6494,
318.9238, 459.2681


 40.8494, 22.6858,
46.6109

 98.8833, 65.5126,
112.9442


 28.3886, 14.3617,
32.3761


 126.3296, 87.0211,
144.3266

 18.7608, 8.3726,
21.3817


 158.4356,
112.7866, 181.0423

 11.6005, 4.3343,
13.2093


 195.5667,
143.1935, 223.5097

 6.5425, 1.8623,
7.4404

238.0883,
178.6263, 272.1475

 3.2215, 0.5255,
3.6564

286.3657,

 1.2719, 0.0000,

219.4694, 327.3741

1.4388

340.7643,
266.1070, 389.6081

■ 0.1621, 0.0000,
0.1717

■ 0.0000, 0.0000,
0.0000

■ 56.5086, 33.7294,
64.5049

■ 56.5086, 33.7294,
64.5049

■ 53.7587, 29.5917,
59.3878

■ 60.0414, 39.3711,
70.0710

■ 51.7120, 26.8008,
54.6899

■ 64.4201, 46.6436,
76.1085

■ 50.2766, 25.1734,
50.3786

■ 69.7049, 55.6658,
82.6400

■ 49.5404, 24.5378,
47.5534

■ 75.9492, 66.5442,
89.6857

83.2025, 79.3767,
97.2642

91.5105, 94.2543,
105.3928

94.6833, 99.8110,
108.8828

Harmonies

Analogous

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



47.3465, 33.7294, 109.3948



56.5086, 33.7294, 64.5049



58.4166, 33.7294, 28.4959

Triad

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



56.5086, 33.7294, 64.5049



29.0392, 33.7294, 3.2683



17.9667, 33.7294, 89.7570

Complementary

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



56.5086, 33.7294, 64.5049



44.6471, 75.0994, 36.1905

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.



15.1310, 33.7294, 46.4043



56.5086, 33.7294, 64.5049



20.4767, 33.7294, 6.4901

Square

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



56.5086, 33.7294, 64.5049



40.6790, 33.7294, 4.0635



15.9284, 33.7294, 18.3462



24.7515, 33.7294, 128.9536

Rectangle

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



56.5086, 33.7294, 64.5049



54.9786, 33.7294, 14.5513



15.9284, 33.7294, 18.3462



16.6015, 33.7294, 74.4353

Sweetspot

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



56.5097, 33.7311, 64.5055



79.4223, 72.0592, 93.4720



32.1560, 20.4535, 96.0196



16.5671, 14.6611, 19.5468



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.



56.5097, 33.7311, 64.5055



53.5449, 28.8691, 58.4427



48.9966, 30.7258, 24.9420



18.5670, 18.2101, 21.6030



26.1837, 12.9628, 25.4156



2.5956, 1.2806, 2.7177

Inverse Universe

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



56.5097, 33.7311, 64.5055



53.5449, 28.8691, 58.4427



52.5404, 78.2567, 77.7562



18.5670, 18.2101, 21.6030



26.1837, 12.9628, 25.4156



2.5956, 1.2806, 2.7177

Previews

White Background



This preview shows how the XYZ color 56.5086, 33.7294, 64.5049 looks on a white background.

Color Contrast Check

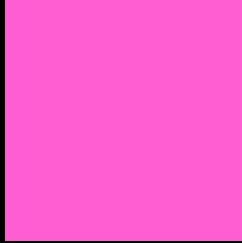
Large Text (above 18pt) WCAG AA × Fail

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 56.5086, 33.7294, 64.5049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

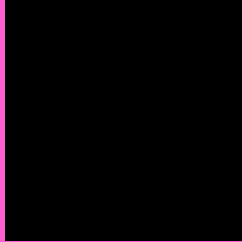
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5086, 33.7294, 64.5049

Background



This preview shows how black text looks on a background with the XYZ color 56.5086, 33.7294, 64.5049.



This preview shows how white text looks on a background with the XYZ color 56.5086, 33.7294,

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

56.5086, 33.7294, 64.5049

Protanopia

37.0768, 34.1828, 99.2515

Deuteranopia

34.6759, 33.8123, 59.9571



Tritanopia

47.8895, 33.5388, 23.0184

Trichromacy



Original Color

56.5086, 33.7294, 64.5049



Protanomaly

39.7676, 30.9500, 85.5393



Deuteranomaly

39.8894, 31.5535, 61.1148



Tritanomaly

50.3459, 33.2314, 34.7711

Monochromacy



Original Color

56.5086, 33.7294, 64.5049



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

37.6112, 30.9466, 44.5484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5086, 33.7294, 64.5049 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(254, 94, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 94, 210)  
}
```

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(254, 94, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 94, 210) }
```

Border

The CSS property to change the border of an element to XYZ 56.5086, 33.7294, 64.5049 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(254, 94, 210) }
```


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

```
.border{ border-color:rgb(254, 94, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 94, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 94, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 94, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 94,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5086, 33.7294, 64.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 94, 210) }
```

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

```
.background{ background-color: rgb(254, 94,  
210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor