

Converting Colors

XYZ(54.2711, 33.7982, 47.9666)

Have a look what the booklet for
XYZ(54.2711, 33.7982, 47.9666)
contains.

XYZ(54.2407, 33.7517, 47.9119)	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(54.2407, 33.7517,
47.9119)**

Conversions

Conversions Part 1

Format	Color
Hex	FF64B6
RGB	255, 100, 182
RGB Percent	100%, 39%, 71%
CMY	0.0000, 0.6078, 0.2863
CMYK	0.00, 0.61, 0.29, 0.00
HSL	328°, 100%, 70%
HSV	328°, 61%, 100%
XYZ	54.2407, 33.7517, 47.9119
YIQ	155.6930, 66.0580, 58.3620

Conversions

Conversions Part 2

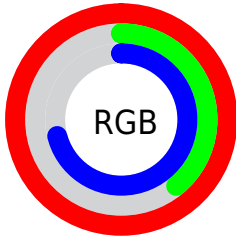
Format	Color
R _Y B	255, 100, 182
Decimal	16737462
CIE _{Lab}	64.77, 66.61, -12.87
CIE _{LCh}	65, 67.838, 349.062
Yxy	33.7517, 0.3991, 0.2483
Android (android.graphics.Color)	4294927542 (0xFFFF64B6)
YUV	155.6930, 12.9694, 87.0922
Hunter-Lab	58.0962, 64.9856, -8.2291

Details

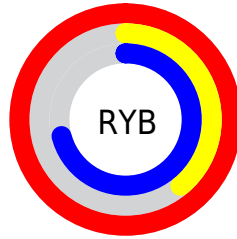
The XYZ color **54.2407, 33.7517, 47.9119** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.5600, 77.2472, 51.8898**, and the grayscale version is **31.3880, 33.0226, 35.9617**.

A 20% lighter version of the original color is **68.8995, 51.8868, 87.2727**, and **26.8415, 14.3161, 22.1175** is the 20% darker color. If you saturate the color by 10%, you get **50.9776, 29.1276, 40.9608**, and if you desaturate by 10%, it is **58.3769, 39.9518, 55.6800**.

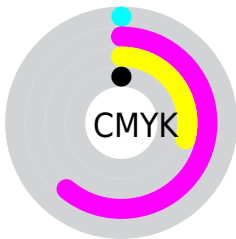
Distribution



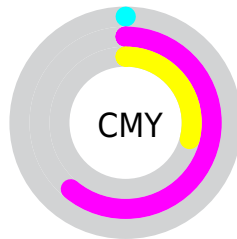
- Red (100%)
- Green (39%)
- Blue (71%)



- Red (100%)
- Yellow (39%)
- Blue (71%)



- Cyan (0%)
- Magenta (61%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2407, 33.7517, 47.9119 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 54.2407, 33.7517, 47.9119 by changing the saturation by 10% instead.

 54.2407, 33.7517,
47.9119

 54.2407, 33.7517,
47.9119

393.2106,
319.0235, 394.9414

 39.0256, 22.7029,
33.3976

 95.5824, 65.5474,
88.4374


 26.9604, 14.3743,
22.1576


 122.4397, 87.0630,
115.2857

 17.6799, 8.3815,
13.7733

 153.9084,
112.8364, 147.0824

 10.8187, 4.3400,
7.8262

 190.3538,
143.2520, 184.2462

 6.0115, 1.8655,
3.8978

232.1414,
178.6941, 227.1954

 2.8928, 0.5275,
1.5694

279.6365,

 1.0973, 0.0000,

219.5471, 276.3486

0.2689

333.2045,
266.1954, 332.1245

■ 0.0229, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2407, 33.7517,
47.9119

■ 54.2407, 33.7517,
47.9119

■ 50.9776, 29.1276,
40.9608

■ 58.3769, 39.9518,
55.6800

■ 48.5085, 25.9253,
34.7862


■ 63.4511, 47.8531,
64.2983


■ 46.7426, 23.9676,
29.3445

■ 69.5242, 57.5739,
73.7997

■ 45.6060, 23.0064,
24.9210

■ 76.6512, 69.2204,
84.2144

 84.8831, 82.8905,
95.5707

 94.2672, 98.6755,
107.8958

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.



48.4348, 33.7517, 84.3715



54.2407, 33.7517, 47.9119



53.2705, 33.7517, 21.8515

Triad

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



54.2407, 33.7517, 47.9119



26.3366, 33.7517, 5.7723



21.2940, 33.7517, 94.0865

Complementary

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



54.2407, 33.7517, 47.9119



48.5600, 77.2472, 51.8898

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.



17.4188, 33.7517, 57.2301



54.2407, 33.7517, 47.9119



19.8961, 33.7517, 11.5957

Square

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



54.2407, 33.7517, 47.9119



35.7716, 33.7517, 5.2178



16.9651, 33.7517, 27.4719



28.6515, 33.7517, 118.7286

Rectangle

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



54.2407, 33.7517, 47.9119



48.9560, 33.7517, 12.2312



16.9651, 33.7517, 27.4719



19.6105, 33.7517, 82.0494

Sweetspot

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



54.2415, 33.7533, 47.9125



78.8276, 72.8150, 87.2770



39.6954, 25.1448, 97.3690



16.3854, 14.7812, 17.9954



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.



54.2415, 33.7533, 47.9125



50.3641, 28.2999, 39.5251



48.3567, 31.3994, 16.9237



18.4109, 18.1477, 20.7812



23.9063, 12.0518, 13.4227



2.3829, 1.1955, 1.5978

Inverse Universe

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



54.2415, 33.7533, 47.9125



50.3641, 28.2999, 39.5251



58.2457, 81.1215, 102.8939



18.4109, 18.1477, 20.7812



23.9063, 12.0518, 13.4227



2.3829, 1.1955, 1.5978

Previews

White Background



This preview shows how the XYZ color 54.2407, 33.7517, 47.9119 looks on a white background.

Color Contrast Check

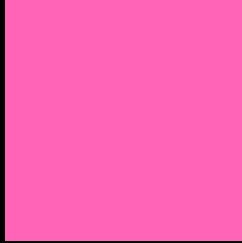
Large Text (above 18pt) WCAG AA × Fail

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 54.2407, 33.7517, 47.9119 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 54.2407, 33.7517, 47.9119

Background



This preview shows how black text looks on a background with the XYZ color 54.2407, 33.7517, 47.9119.



This preview shows how white text looks on a background with the XYZ color 54.2407, 33.7517,

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

54.2407, 33.7517, 47.9119

Protanopia

35.1208, 34.0133, 72.4243

Deuteranopia

34.5483, 33.8378, 44.7549



Tritanopia

48.9545, 33.7638, 22.3492

Trichromacy



Original Color

54.2407, 33.7517, 47.9119



Protanomaly

38.8606, 31.6079, 62.4453



Deuteranomaly

39.7496, 32.2303, 45.7210



Tritanomaly

50.6476, 33.6463, 30.2105

Monochromacy



Original Color

54.2407, 33.7517, 47.9119



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

37.3339, 31.5314, 39.7158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2407, 33.7517, 47.9119 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, 100, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 182)  
}
```

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, 100, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 182) }
```

Border

The CSS property to change the border of an element to XYZ 54.2407, 33.7517, 47.9119 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, 100, 182) }
```


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

```
.border{ border-color:rgb(255, 100, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 100, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2407, 33.7517, 47.9119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 182) }
```

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

```
.background{ background-color: rgb(255,  
100, 182) }
```

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