

Converting Colors

XYZ(54.6385, 35.0936, 59.4216)

Have a look what the booklet for
XYZ(54.6385, 35.0936, 59.4216)
contains.

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Color

**XYZ(54.7227, 35.1108,
59.1512)**

Conversions

Conversions Part 1

Format	Color
Hex	F86DC9
RGB	248, 109, 201
RGB Percent	97%, 43%, 79%
CMY	0.0274, 0.5725, 0.2118
CMYK	0.00, 0.56, 0.19, 0.03
HSL	320°, 91%, 70%
HSV	320°, 56%, 97%
XYZ	54.7227, 35.1108, 59.1512
YIQ	161.0490, 53.3120, 58.0800

Conversions

Conversions Part 2

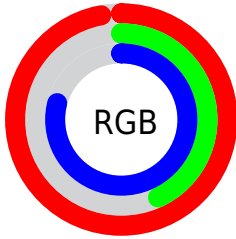
Format	Color
R _Y B	248, 109, 201
Decimal	16281033
CIE Lab	65.83, 63.22, -22.10
CIE LCh	66, 66.969, 340.734
Yxy	35.1108, 0.3673, 0.2357
Android (android.graphics.Color)	4294471113 (0xFFFF86DC9)
YUV	161.0490, 19.6958, 76.2560
Hunter-Lab	59.2544, 61.1535, -17.7087

Details

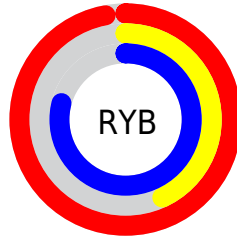
The XYZ color **54.7227, 35.1108, 59.1512** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **45.8766, 72.7875, 43.0872**, and the grayscale version is **33.7944, 35.5544, 38.7187**.

A 20% lighter version of the original color is **72.9262, 55.7524, 101.5254**, and **27.3933, 15.2066, 29.0951** is the 20% darker color. If you saturate the color by 10%, you get **51.4808, 30.1625, 53.3356**, and if you desaturate by 10%, it is **58.7668, 41.5762, 65.5006**.

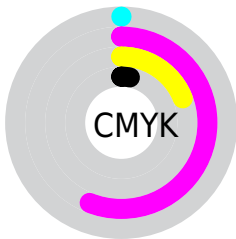
Distribution



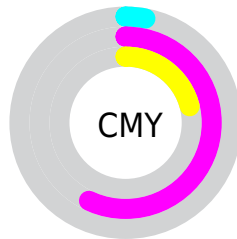
- Red (97%)
- Green (43%)
- Blue (79%)



- Red (97%)
- Yellow (43%)
- Blue (79%)



- Cyan (0%)
- Magenta (56%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (57%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7227, 35.1108, 59.1512 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 54.7227, 35.1108, 59.1512 by changing the saturation by 10% instead.


 54.7227, 35.1108,
59.1512


 54.7227, 35.1108,
59.1512


395.0135,
325.0571, 439.1795

 39.4127, 23.7482,
42.3140

 96.2852, 67.6574,
105.1287

 27.2631, 15.1470,
29.0199


 123.2685, 89.6102,
135.1061

 17.9085, 8.9226,
18.8501


 154.8736,
115.8619, 170.3006

 10.9836, 4.6907,
11.3863

191.4658,
146.7968, 211.1308

 6.1230, 2.0670,
6.2099

233.4106,
182.7994, 258.0153

 2.9614, 0.6460,
2.9023

281.0732,

 1.1334, 0.0000,

224.2541, 311.3725

1.0450

334.8190,
271.5452, 371.6211

■ 0.0528, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7227, 35.1108,
59.1512

■ 54.7227, 35.1108,
59.1512

■ 51.4808, 30.1625,
53.3356

■ 58.7668, 41.5762,
65.5006

■ 48.9724, 26.5968,
48.0257


■ 63.6676, 49.6681,
72.4051


■ 47.1221, 24.2640,
43.1924

■ 69.4786, 59.4917,
79.8869


■ 45.8355, 22.9764,
38.7999

■ 76.2479, 71.1415,
87.9660

 45.4252, 22.6420,
37.1646

 84.0200, 84.7057,
96.6609

 91.9343, 98.4617,
105.6885

 92.5217, 98.6966,
108.7817

Harmonies

Analogous

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



47.3751, 35.1108, 96.0928



54.7227, 35.1108, 59.1512



55.7468, 35.1108, 28.9610

Triad

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



54.7227, 35.1108, 59.1512



29.9554, 35.1108, 5.8104



20.9415, 35.1108, 85.8896

Complementary

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



54.7227, 35.1108, 59.1512



45.8766, 72.7875, 43.0872

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.



17.9637, 35.1108, 49.2908



54.7227, 35.1108, 59.1512



22.4417, 35.1108, 10.0377

Square

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



54.7227, 35.1108, 59.1512



40.0445, 35.1108, 6.4281



18.4524, 35.1108, 22.9342



27.4848, 35.1108, 116.0805

Rectangle

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



54.7227, 35.1108, 59.1512



52.5209, 35.1108, 16.6126



18.4524, 35.1108, 22.9342



19.5550, 35.1108, 73.3429

Sweetspot

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



54.7238, 35.1125, 59.1519



80.4750, 74.4837, 92.8395



35.9954, 24.7183, 91.6815



16.9008, 15.3822, 19.4924



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.



54.7238, 35.1125, 59.1519



54.5261, 31.6656, 56.1984



48.3578, 32.5661, 25.6290



17.7290, 17.4190, 20.4286



24.6067, 12.2584, 20.4350



2.3285, 1.1551, 2.1531

Inverse Universe

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



54.7238, 35.1125, 59.1519



54.5261, 31.6656, 56.1984



53.4434, 75.8142, 82.9332



17.7290, 17.4190, 20.4286



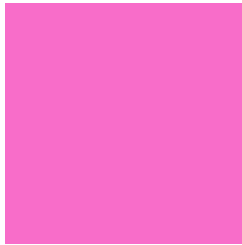
24.6067, 12.2584, 20.4350



2.3285, 1.1551, 2.1531

Previews

White Background



This preview shows how the XYZ color 54.7227, 35.1108, 59.1512 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 54.7227, 35.1108, 59.1512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

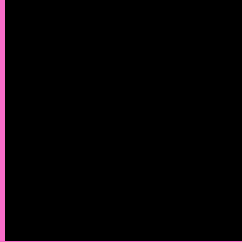
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7227, 35.1108, 59.1512

Background



This preview shows how black text looks on a background with the XYZ color 54.7227, 35.1108, 59.1512.



This preview shows how white text looks on a background with the XYZ color 54.7227, 35.1108,

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

54.7227, 35.1108, 59.1512

Protanopia

37.3323, 35.6133, 85.7953

Deuteranopia

35.9807, 35.3351, 55.3761



Tritanopia

47.8429, 35.0615, 26.4362

Trichromacy



Original Color

54.7227, 35.1108, 59.1512



Protanomaly

40.6479, 33.3064, 75.5206



Deuteranomaly

40.8277, 33.8181, 56.6002



Tritanomaly

50.0766, 34.8954, 36.4439

Monochromacy



Original Color

54.7227, 35.1108, 59.1512



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

39.5018, 33.8180, 45.5199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7227, 35.1108, 59.1512 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(248, 109, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 109, 201)  
}
```

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(248, 109, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 109, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.7227, 35.1108, 59.1512 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(248, 109, 201) }
```


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

```
.border{ border-color:rgb(248, 109, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 109, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 109, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 109, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 109,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7227, 35.1108, 59.1512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 109, 201) }
```

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

```
.background{ background-color: rgb(248,  
109, 201) }
```

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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