

Converting Colors

XYZ(54.1221, 41.0151, 46.7951)

Have a look what the booklet for
XYZ(54.1221, 41.0151, 46.7951)
contains.

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Color

**XYZ(54.0786, 41.1013,
46.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	F28DB1
RGB	242, 141, 177
RGB Percent	95%, 55%, 69%
CMY	0.0510, 0.4470, 0.3059
CMYK	0.00, 0.42, 0.27, 0.05
HSL	339°, 80%, 75%
HSV	339°, 42%, 95%
XYZ	54.0786, 41.1013, 46.6781
YIQ	175.3030, 48.6400, 32.6080

Conversions

Conversions Part 2

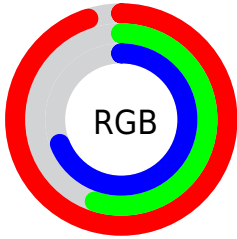
Format	Color
R _Y B	242, 141, 177
Decimal	15895985
CIE Lab	70.25, 42.56, -2.10
CIE LCh	70, 42.615, 357.171
Yxy	41.1013, 0.3812, 0.2897
Android (android.graphics.Color)	4294086065 (0xFFFF28DB1)
YUV	175.3030, 0.8366, 58.4933
Hunter-Lab	64.1103, 38.3761, 1.7087

Details

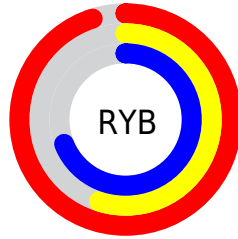
The XYZ color **54.0786, 41.1013, 46.6781** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.8791, 73.6242, 69.7673**, and the grayscale version is **40.8837, 43.0129, 46.8410**.

A 20% lighter version of the original color is **75.6879, 66.6230, 85.9611**, and **26.9586, 18.6505, 21.5811** is the 20% darker color. If you saturate the color by 10%, you get **49.4274, 34.1431, 37.9006**, and if you desaturate by 10%, it is **59.6888, 49.6934, 56.6503**.

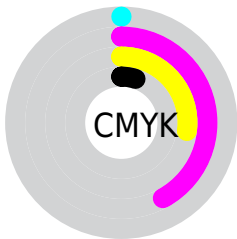
Distribution



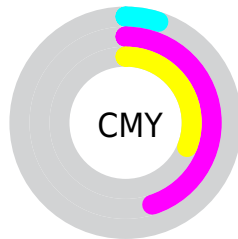
- Red (95%)
- Green (55%)
- Blue (69%)



- Red (95%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (42%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0786, 41.1013, 46.6781 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 54.0786, 41.1013, 46.6781 by changing the saturation by 10% instead.

 54.0786, 41.1013,
46.6781


 54.0786, 41.1013,
46.6781


392.6031,
350.7438, 389.8847

 38.8954, 28.3982,
32.4287

 95.3459, 76.8376,
86.5779

 26.8587, 18.6261,
21.4217


 122.1607,
100.6397, 113.0654

 17.6032, 11.4004,
13.2383


153.5834,
128.9103, 144.4693

 10.7634, 6.3368,
7.4602

189.9794,
162.0337, 181.2082

 5.9741, 3.0510,
3.6688

231.7140,
200.3944, 223.7007

 2.8699, 1.1584,
1.4454

279.1526,

 1.0853, 0.0273,

244.3767, 272.3652

0.1768

332.6605,
294.3650, 327.6204

■ 0.0128, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0786, 41.1013,
46.6781

■ 54.0786, 41.1013,
46.6781

■ 49.4274, 34.1431,
37.9006

■ 59.6888, 49.6934,
56.6503

■ 45.6746, 28.7077,
30.2672

■ 66.3069, 60.0091,
67.8602

■ 42.7576, 24.6800,
23.7264

■ 73.9825, 72.1384,
80.3512

■ 40.6037, 21.9250,
18.2214

■ 82.7608, 86.1635,
94.1641

■ 39.1264, 20.2811,
13.6884

■ 90.4081, 97.6093,
108.5787

■ 38.3078, 19.5532,
10.6121

■ 90.4280, 97.6173,
108.6837

Harmonies

Analogous

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



51.4768, 41.1013, 69.0195



54.0786, 41.1013, 46.6781



52.2778, 41.1013, 29.3815

Triad

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



54.0786, 41.1013, 46.6781



33.2462, 41.1013, 18.5082



32.2256, 41.1013, 85.4936

Complementary

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



54.0786, 41.1013, 46.6781



53.8791, 73.6242, 69.7673

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.



28.2911, 41.1013, 64.7218



54.0786, 41.1013, 46.6781



28.8291, 41.1013, 26.9665

Square

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



54.0786, 41.1013, 46.6781



39.7323, 41.1013, 16.2738



27.1251, 41.1013, 42.8803



38.4063, 41.1013, 95.2298

Rectangle

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



54.0786, 41.1013, 46.6781



48.9287, 41.1013, 22.0500



27.1251, 41.1013, 42.8803



30.6259, 41.1013, 79.3159

Sweetspot

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



54.0798, 41.1033, 46.6789



82.1246, 79.3442, 88.5762



50.7212, 38.4372, 88.7504



17.1536, 16.3101, 18.2745



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.



54.0798, 41.1033, 46.6789



56.4313, 39.5831, 44.1715



53.0599, 44.0680, 30.9112



16.0055, 15.8519, 17.5853



20.6383, 10.5277, 6.0118



1.7627, 0.8941, 0.7412

Inverse Universe

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



54.0798, 41.1033, 46.6789



56.4313, 39.5831, 44.1715



54.9033, 67.8554, 94.2083



16.0055, 15.8519, 17.5853



20.6383, 10.5277, 6.0118



1.7627, 0.8941, 0.7412

Previews

White Background



This preview shows how the XYZ color 54.0786, 41.1013, 46.6781 looks on a white background.

Color Contrast Check

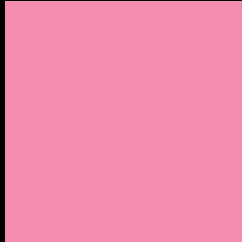
Large Text (above 18pt) WCAG AA × Fail

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 54.0786, 41.1013, 46.6781 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 54.0786, 41.1013, 46.6781

Background



This preview shows how black text looks on a background with the XYZ color 54.0786, 41.1013, 46.6781.



This preview shows how white text looks on a background with the XYZ color 54.0786, 41.1013,

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

54.0786, 41.1013, 46.6781

Protanopia

40.5617, 41.3908, 57.4811

Deuteranopia

42.1006, 41.3459, 45.2968



Tritanopia

52.0613, 41.1764, 36.6564

Trichromacy



Original Color

54.0786, 41.1013, 46.6781



Protanomaly

44.1536, 40.3746, 53.0429



Deuteranomaly

45.8793, 40.9196, 45.5246



Tritanomaly

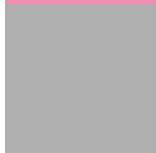
52.9497, 41.3276, 40.3082

Monochromacy



Original Color

54.0786, 41.1013, 46.6781



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.4869, 41.4711, 46.7343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0786, 41.1013, 46.6781 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(242, 141, 177)` looks like.

```
.text, #text, p{  
    color:rgb(242, 141, 177)  
}
```

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(242, 141, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 141, 177) }
```

Border

The CSS property to change the border of an element to XYZ 54.0786, 41.1013, 46.6781 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(242, 141, 177) }
```


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

```
.border{ border-color:rgb(242, 141, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 141, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 141, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 141, 177);  
box-shadow:4px 4px 4px 4px rgb(242, 141,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0786, 41.1013, 46.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 141, 177) }
```

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

```
.background{ background-color: rgb(242,  
141, 177) }
```

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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