

Converting Colors

XYZ(54.5255, 41.5657, 44.0004)

Have a look what the booklet for
XYZ(54.5255, 41.5657, 44.0004)
contains.

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Color

**XYZ(54.4276, 41.5577,
44.1825)**

Conversions

Conversions Part 1

Format	Color
Hex	F48EAC
RGB	244, 142, 172
RGB Percent	96%, 56%, 67%
CMY	0.0431, 0.4431, 0.3255
CMYK	0.00, 0.42, 0.30, 0.04
HSL	342°, 82%, 76%
HSV	342°, 42%, 96%
XYZ	54.4276, 41.5577, 44.1825
YIQ	175.9180, 51.1620, 30.9540

Conversions

Conversions Part 2

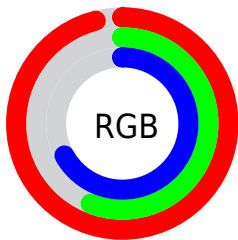
Format	Color
R _Y B	244, 142, 172
Decimal	16027308
CIE Lab	70.56, 42.08, 1.18
CIE LCh	71, 42.098, 1.609
Yxy	41.5577, 0.3883, 0.2965
Android (android.graphics.Color)	4294217388 (0xFFFF48EAC)
YUV	175.9180, -1.9316, 59.7079
Hunter-Lab	64.4653, 37.8922, 4.4901

Details

The XYZ color **54.4276, 41.5577, 44.1825** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.6456, 75.3081, 75.2254**, and the grayscale version is **41.2164, 43.3628, 47.2221**.

A 20% lighter version of the original color is **75.0714, 66.7386, 81.5982**, and **26.9701, 18.8151, 19.9795** is the 20% darker color. If you saturate the color by 10%, you get **49.6381, 34.4566, 34.9466**, and if you desaturate by 10%, it is **60.2283, 50.3376, 54.8142**.

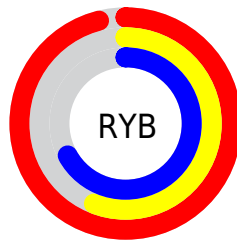
Distribution



Red (96%)

Green (56%)

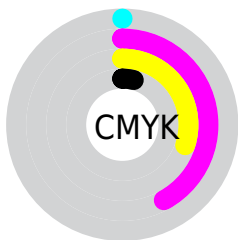
Blue (67%)



Red (96%)

Yellow (56%)

Blue (67%)

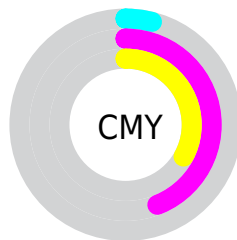


Cyan (0%)

Magenta (42%)

Yellow (30%)

Black (4%)



Cyan (4%)


Magenta (44%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4276, 41.5577, 44.1825 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 54.4276, 41.5577, 44.1825 by changing the saturation by 10% instead.

 54.4276, 41.5577,
44.1825


 54.4276, 41.5577,
44.1825


393.9103,
352.6461, 379.5156

 39.1757, 28.7551,
30.4758


 95.8550, 77.5298,
82.7977

 27.0777, 18.8957,
19.9449


 122.7612,
101.4681, 108.5432

 17.7685, 11.5949,
12.1713


154.2828,
129.8871, 139.1388

 10.8826, 6.4685,
6.7365

190.7853,
163.1711, 175.0029

 6.0547, 3.1320,
3.2219

232.6339,
201.7047, 216.5541

 2.9193, 1.2010,
1.2090

280.1940,

 1.1112, 0.0625,

245.8721, 264.2109

0.0000

333.8310,
296.0578, 318.3919

■ 0.0345, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4276, 41.5577,
44.1825

■ 54.4276, 41.5577,
44.1825

■ 49.6381, 34.4566,
34.9466

■ 60.2283, 50.3376,
54.8142

■ 45.7958, 28.9202,
27.0435

■ 67.0923, 60.8886,
66.8960

■ 42.8346, 24.8297,
20.4087

■ 75.0718, 73.3036,
80.4819

■ 40.6775, 22.0463,
14.9705

■ 84.2148, 87.6669,
95.6227

■ 39.2334, 20.4036,
10.6489

■ 91.1183, 97.9731,
108.7160

■ 38.4700, 19.6978,
7.8636

Harmonies

Analogous

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



52.4670, 41.5577, 66.0062



54.4276, 41.5577, 44.1825



52.0146, 41.5577, 28.0015

Triad

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



54.4276, 41.5577, 44.1825



32.8982, 41.5577, 19.8463



33.4773, 41.5577, 87.9833

Complementary

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



54.4276, 41.5577, 44.1825



55.6456, 75.3081, 75.2254

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.



29.1722, 41.5577, 68.4308



54.4276, 41.5577, 44.1825



28.8665, 41.5577, 29.3758

Square

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



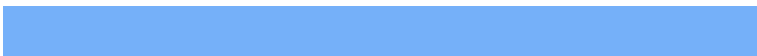
54.4276, 41.5577, 44.1825



39.1251, 41.5577, 16.7521



27.5856, 41.5577, 46.3331



39.8760, 41.5577, 95.3296

Rectangle

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



54.4276, 41.5577, 44.1825



48.3975, 41.5577, 21.3841



27.5856, 41.5577, 46.3331



31.7647, 41.5577, 82.3842

Sweetspot

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



54.4288, 41.5597, 44.1833



81.8300, 79.2263, 87.0247



53.5605, 40.0860, 90.5024



17.0814, 16.2813, 17.8944



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.



54.4288, 41.5597, 44.1833



55.6852, 39.2847, 40.2427



55.1831, 47.1701, 31.7901



16.6996, 16.5627, 18.1647



20.9696, 10.7313, 4.5483



1.8861, 0.9604, 0.6265

Inverse Universe

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



54.4288, 41.5597, 44.1833



55.6852, 39.2847, 40.2427



54.0343, 65.3804, 95.3598



16.6996, 16.5627, 18.1647



20.9696, 10.7313, 4.5483



1.8861, 0.9604, 0.6265

Previews

White Background



This preview shows how the XYZ color 54.4276, 41.5577, 44.1825 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 54.4276, 41.5577, 44.1825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

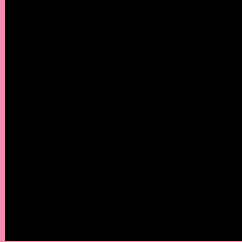
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4276, 41.5577, 44.1825

Background



This preview shows how black text looks on a background with the XYZ color 54.4276, 41.5577, 44.1825.



This preview shows how white text looks on a background with the XYZ color 54.4276, 41.5577,

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

54.4276, 41.5577, 44.1825

Protanopia

40.8414, 41.8807, 54.6464

Deuteranopia

42.6248, 41.6711, 42.8425



Tritanopia

52.7441, 41.5283, 36.6883

Trichromacy



Original Color

54.4276, 41.5577, 44.1825

Protanomaly

44.5808, 40.9144, 50.3474

Deuteranomaly

46.2523, 41.1672, 43.0444

Tritanomaly

53.4570, 41.6098, 39.3964

Monochromacy



Original Color

54.4276, 41.5577, 44.1825

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

45.1007, 42.0636, 46.2995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4276, 41.5577, 44.1825 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(244, 142, 172)` looks like.

```
.text, #text, p{  
    color:rgb(244, 142, 172)  
}
```

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(244, 142, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 142, 172) }
```

Border

The CSS property to change the border of an element to XYZ 54.4276, 41.5577, 44.1825 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(244, 142, 172) }
```


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

```
.border{ border-color:rgb(244, 142, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 142, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 142, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 142, 172);  
box-shadow:4px 4px 4px 4px rgb(244, 142,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4276, 41.5577, 44.1825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 142, 172) }
```

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

```
.background{ background-color: rgb(244,  
142, 172) }
```

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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