

Converting Colors

XYZ(53.9186, 41.2142, 68.0753)

Have a look what the booklet for
XYZ(53.9186, 41.2142, 68.0753)
contains.

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Color

**XYZ(53.9784, 41.2446,
68.0668)**

Conversions

Conversions Part 1

Format	Color
Hex	E490D5
RGB	228, 144, 213
RGB Percent	89%, 56%, 84%
CMY	0.1059, 0.4353, 0.1647
CMYK	0.00, 0.37, 0.07, 0.11
HSL	311°, 61%, 73%
HSV	311°, 37%, 89%
XYZ	53.9784, 41.2446, 68.0668
YIQ	176.9820, 27.9150, 39.2670

Conversions

Conversions Part 2

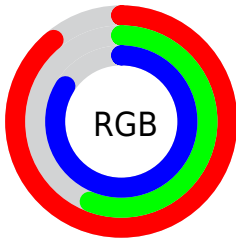
Format	Color
R _Y B	228, 144, 213
Decimal	14979285
CIE Lab	70.35, 41.88, -22.14
CIE LCh	70, 47.366, 332.138
Yxy	41.2446, 0.3306, 0.2526
Android (android.graphics.Color)	4293169365 (0xFFE490D5)
YUV	176.9820, 17.7569, 44.7428
Hunter-Lab	64.2220, 37.6404, -17.8842

Details

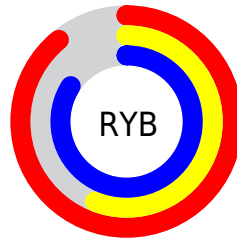
The XYZ color **53.9784, 41.2446, 68.0668** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.5048, 63.9206, 42.7431**, and the grayscale version is **41.6811, 43.8518, 47.7546**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **26.7072, 18.6087, 34.5320** is the 20% darker color. If you saturate the color by 10%, you get **50.3575, 34.8188, 64.3421**, and if you desaturate by 10%, it is **58.3122, 49.0739, 72.0940**.

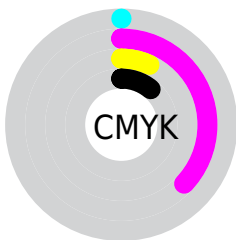
Distribution



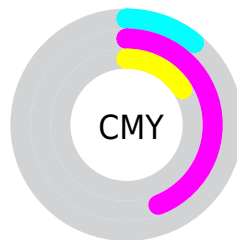
- Red (89%)
- Green (56%)
- Blue (84%)



- Red (89%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (37%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9784, 41.2446, 68.0668 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 53.9784, 41.2446, 68.0668 by changing the saturation by 10% instead.


 53.9784, 41.2446,
68.0668


 53.9784, 41.2446,
68.0668


392.2273,
351.3419, 472.3371

 38.8150, 28.5103,
49.4851

 95.1996, 77.0551,
118.1028

 26.7959, 18.7107,
34.6361


 121.9881,
100.9000, 150.3942

 17.5558, 11.4614,
23.1014


153.3824,
129.2172, 188.0925

 10.7293, 6.3781,
14.4624

189.7477,
162.3911, 231.6163

 5.9511, 3.0763,
8.3005

231.4496,
200.8062, 281.3841

 2.8557, 1.1717,
4.1973

278.8532,

 1.0779, 0.0384,

244.8467, 337.8145

1.7342

332.3240,
294.8972, 401.3260

■ 0.0065, 0.0000,
0.3840

■ 0.0000, 0.0000,
0.0000

■ 53.9784, 41.2446,
68.0668

■ 53.9784, 41.2446,
68.0668

■ 50.3575, 34.8188,
64.3421

■ 58.3122, 49.0739,
72.0940

■ 47.4032, 29.7064,
60.9028

■ 63.3938, 58.3786,
76.4344

■ 45.0700, 25.8158,
57.7337

■ 69.2604, 69.2323,
81.1015

■ 43.3048, 23.0407,
54.8165

■ 75.9457, 81.7020,
86.1069

42.0454, 21.2573,
52.1300

82.5147, 93.9179,
91.1393

41.2122, 20.3061,
49.6473

83.1044, 94.1538,
94.2450

40.9953, 20.0942,
48.8910

83.7077, 94.3951,
97.4218

84.3246, 94.6419,
100.6703

84.9552, 94.8941,
103.9909

Harmonies

Analogous

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



47.7149, 41.2446, 91.8613



53.9784, 41.2446, 68.0668



56.1411, 41.2446, 43.3279

Triad

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



53.9784, 41.2446, 68.0668



38.6459, 41.2446, 14.2493



27.8449, 41.2446, 71.7879

Complementary

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



53.9784, 41.2446, 68.0668



45.5048, 63.9206, 42.7431

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.



26.0666, 41.2446, 46.5268



53.9784, 41.2446, 68.0668



31.7667, 41.2446, 17.5125

Square

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



53.9784, 41.2446, 68.0668



46.6207, 41.2446, 16.6727



27.4026, 41.2446, 27.7071



32.6148, 41.2446, 94.4627

Rectangle

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



53.9784, 41.2446, 68.0668



54.7639, 41.2446, 30.6145



27.4026, 41.2446, 27.7071



26.9082, 41.2446, 63.0757

Sweetspot

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



53.9797, 41.2465, 68.0677



85.9493, 83.0724, 101.9394



38.0793, 32.8192, 77.7274



18.1757, 17.3720, 21.6435



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.



53.9797, 41.2465, 68.0677



66.0225, 46.8409, 84.1306



49.4161, 39.4210, 44.0362



14.8789, 14.5687, 17.5624



23.7119, 11.6190, 28.4417



1.7812, 0.8702, 2.2545

Inverse Universe

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



53.9797, 41.2465, 68.0677



66.0225, 46.8409, 84.1306



49.6719, 65.5875, 64.6868



14.8789, 14.5687, 17.5624



23.7119, 11.6190, 28.4417



1.7812, 0.8702, 2.2545

Previews

White Background



This preview shows how the XYZ color 53.9784, 41.2446, 68.0668 looks on a white background.

Color Contrast Check

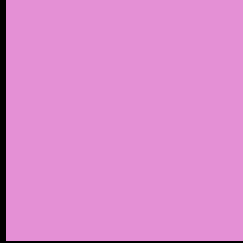
Large Text (above 18pt) WCAG AA × Fail

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 53.9784, 41.2446, 68.0668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

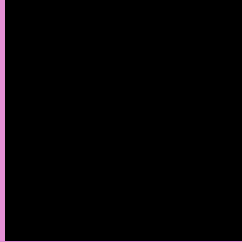
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9784, 41.2446, 68.0668

Background



This preview shows how black text looks on a background with the XYZ color 53.9784, 41.2446, 68.0668.



This preview shows how white text looks on a background with the XYZ color 53.9784, 41.2446,

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

53.9784, 41.2446, 68.0668

Protanopia

42.4578, 41.5442, 82.1250

Deuteranopia

42.4912, 41.6373, 66.1189



Tritanopia

48.3070, 41.0287, 40.9706

Trichromacy



Original Color

53.9784, 41.2446, 68.0668



Protanomaly

45.6269, 40.8711, 76.7183



Deuteranomaly

45.9419, 41.0012, 66.4654



Tritanomaly

50.0903, 41.0374, 49.5369

Monochromacy



Original Color

53.9784, 41.2446, 68.0668



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.5143, 42.3637, 54.4934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9784, 41.2446, 68.0668 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(228, 144, 213)` looks like.

```
.text, #text, p{  
    color:rgb(228, 144, 213)  
}
```

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(228, 144, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 144, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.9784, 41.2446, 68.0668 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(228, 144, 213) }
```


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

```
.border{ border-color:rgb(228, 144, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 144, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 144, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 144, 213);  
box-shadow:4px 4px 4px 4px rgb(228, 144,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9784, 41.2446, 68.0668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 144, 213) }
```

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

```
.background{ background-color: rgb(228,  
144, 213) }
```

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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