

Converting Colors

XYZ(58.6510, 43.2764, 62.4284)

Have a look what the booklet for
XYZ(58.6510, 43.2764, 62.4284)
contains.

XYZ(58.5781, 43.2985, 62.3968)	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(58.5781, 43.2985,
62.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	F68ECC
RGB	246, 142, 204
RGB Percent	96%, 56%, 80%
CMY	0.0353, 0.4431, 0.2000
CMYK	0.00, 0.42, 0.17, 0.04
HSL	324°, 85%, 76%
HSV	324°, 42%, 96%
XYZ	58.5781, 43.2985, 62.3968
YIQ	180.1640, 42.0820, 41.3300

Conversions

Conversions Part 2

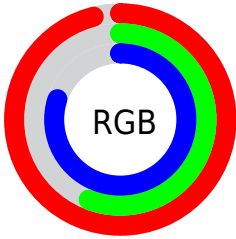
Format	Color
R _Y B	246, 142, 204
Decimal	16158412
CIE Lab	71.76, 47.24, -14.82
CIE LCh	72, 49.509, 342.584
Yxy	43.2985, 0.3566, 0.2636
Android (android.graphics.Color)	4294348492 (0xFF68ECC)
YUV	180.1640, 11.7511, 57.7382
Hunter-Lab	65.8016, 43.7520, -10.1610

Details

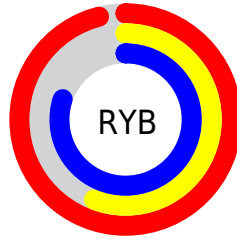
The XYZ color **58.5781, 43.2985, 62.3968** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.7648, 75.1242, 57.0702**, and the grayscale version is **43.3948, 45.6547, 49.7180**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **29.8164, 20.0381, 31.1504** is the 20% darker color. If you saturate the color by 10%, you get **54.1600, 36.3084, 55.2313**, and if you desaturate by 10%, it is **63.8824, 51.9382, 70.2336**.

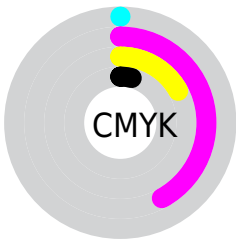
Distribution



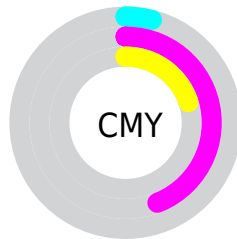
- Red (96%)
- Green (56%)
- Blue (80%)



- Red (96%)
- Yellow (56%)
- Blue (80%)



- Cyan (0%)
- Magenta (42%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5781, 43.2985, 62.3968 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 58.5781, 43.2985, 62.3968 by changing the saturation by 10% instead.


 58.5781, 43.2985,
62.3968

 58.5781, 43.2985,
62.3968


409.2559,
359.8379, 451.4246

 42.5186, 30.1194,
44.9155

 101.8824, 80.1611,
109.8760

 29.7005, 19.9292,
31.0484


 129.8579,
104.6134, 140.7110

 19.7583, 12.3436,
20.3770


162.5361,
133.5922, 176.8343

 12.3267, 6.9781,
12.4826

200.2825,
167.4820, 218.6644

 7.0404, 3.4484,
6.9467

243.4623,
206.6670, 266.6200

 3.5339, 1.3701,
3.3509

292.4409,

 1.4420, 0.1945,

251.5317, 321.1195

1.2765

347.5836,
302.4606, 382.5815

■ 0.2859, 0.0000,
0.0424

■ 0.0000, 0.0000,
0.0000

■ 58.5781, 43.2985,
62.3968

■ 58.5781, 43.2985,
62.3968

■ 54.1600, 36.3084,
55.2313

■ 63.8824, 51.9382,
70.2336

■ 50.5691, 30.8539,
48.7093

■ 70.1192, 62.3195,
78.7626

■ 47.7449, 26.8158,
42.8039

■ 77.3361, 74.5350,
88.0067

■ 45.6167, 24.0549,
37.4841

■ 85.5761, 88.6688,
97.9867

■ 44.0991, 22.4028,
32.7140

■ 91.6039, 98.2480,
107.6303

■ 43.2452, 21.6885,
29.3667

■ 91.8162, 98.3329,
108.7487

Harmonies

Analogous

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



53.0855, 43.2985, 90.0874



58.5781, 43.2985, 62.3968



59.0253, 43.2985, 37.7633

Triad

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



58.5781, 43.2985, 62.3968



37.7326, 43.2985, 14.8663



30.3659, 43.2985, 85.9060

Complementary

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



58.5781, 43.2985, 62.3968



52.7648, 75.1242, 57.0702

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.



27.3117, 43.2985, 57.9638



58.5781, 43.2985, 62.3968



31.1592, 43.2985, 20.6204

Square

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



58.5781, 43.2985, 62.3968



46.1823, 43.2985, 15.3390



27.5808, 43.2985, 34.6057



36.5044, 43.2985, 106.5233

Rectangle

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



58.5781, 43.2985, 62.3968



56.3265, 43.2985, 26.3555



27.5808, 43.2985, 34.6057



28.9846, 43.2985, 76.7176

Sweetspot

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



58.5794, 43.3005, 62.3977



83.2902, 79.8104, 94.7141



45.9811, 36.1433, 91.7421



17.4407, 16.4250, 19.7862



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.



58.5794, 43.3005, 62.3977



59.2846, 40.2015, 60.8088



53.3810, 41.2212, 35.0234



16.9138, 16.6484, 19.2927



23.1538, 11.6049, 16.0500



2.0858, 1.0403, 1.6781

Inverse Universe

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



58.5794, 43.3005, 62.3977



59.2846, 40.2015, 60.8088



59.1948, 77.6962, 90.9304



16.9138, 16.6484, 19.2927



23.1538, 11.6049, 16.0500



2.0858, 1.0403, 1.6781

Previews

White Background



This preview shows how the XYZ color 58.5781, 43.2985, 62.3968 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 58.5781, 43.2985, 62.3968 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 58.5781, 43.2985, 62.3968

Background



This preview shows how black text looks on a background with the XYZ color 58.5781, 43.2985, 62.3968.



This preview shows how white text looks on a background with the XYZ color 58.5781, 43.2985,

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

58.5781, 43.2985, 62.3968

Protanopia

43.9678, 43.5496, 78.0401

Deuteranopia

44.5898, 43.6958, 60.1168



Tritanopia

53.7036, 43.1221, 39.6753

Trichromacy



Original Color

58.5781, 43.2985, 62.3968



Protanomaly

47.5675, 42.2401, 71.9757



Deuteranomaly

48.7411, 42.8286, 60.9562



Tritanomaly

55.3317, 43.0964, 46.9971

Monochromacy



Original Color

58.5781, 43.2985, 62.3968



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.7234, 43.7839, 54.0800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5781, 43.2985, 62.3968 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(246, 142, 204)` looks like.

```
.text, #text, p{  
    color:rgb(246, 142, 204)  
}
```

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(246, 142, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 142, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.5781, 43.2985, 62.3968 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(246, 142, 204) }
```


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

```
.border{ border-color:rgb(246, 142, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 142, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 142, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 142, 204);  
box-shadow:4px 4px 4px 4px rgb(246, 142,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5781, 43.2985, 62.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 142, 204) }
```

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

```
.background{ background-color: rgb(246,  
142, 204) }
```

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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