

Converting Colors

XYZ(52.2809, 35.7546, 51.3557)

Have a look what the booklet for
XYZ(52.2809, 35.7546, 51.3557)
contains.

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Color

**XYZ(52.1844, 35.6588,
51.1461)**

Conversions

Conversions Part 1

Format	Color
Hex	F277BB
RGB	242, 119, 187
RGB Percent	95%, 47%, 73%
CMY	0.0510, 0.5333, 0.2667
CMYK	0.00, 0.51, 0.23, 0.05
HSL	327°, 83%, 71%
HSV	327°, 51%, 95%
XYZ	52.1844, 35.6588, 51.1461
YIQ	163.5290, 51.4800, 47.2240

Conversions

Conversions Part 2

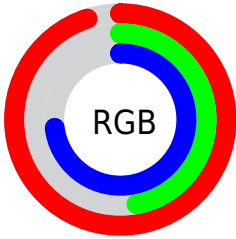
Format	Color
R_{YB}	242, 119, 187
Decimal	15890363
CIE _{Lab}	66.26, 54.86, -13.65
CIE _{LCh}	66, 56.531, 346.032
Yxy	35.6588, 0.3755, 0.2566
Android (android.graphics.Color)	4294080443 (0xFFFF277BB)
YUV	163.5290, 11.5712, 68.8191
Hunter-Lab	59.7150, 51.4883, -8.9816

Details

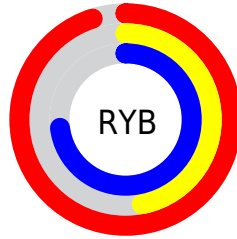
The XYZ color **52.1844, 35.6588, 51.1461** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.0016, 70.4832, 51.1753**, and the grayscale version is **34.9940, 36.8164, 40.0931**.

A 20% lighter version of the original color is **72.7476, 58.3910, 92.2304**, and **25.6649, 15.4553, 24.1847** is the 20% darker color. If you saturate the color by 10%, you get **48.5471, 30.1687, 44.4316**, and if you desaturate by 10%, it is **56.6442, 42.6535, 58.5662**.

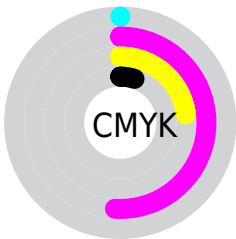
Distribution



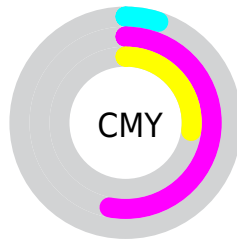
- Red (95%)
- Green (47%)
- Blue (73%)



- Red (95%)
- Yellow (47%)
- Blue (73%)



- Cyan (0%)
- Magenta (51%)
- Yellow (23%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1844, 35.6588, 51.1461 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 52.1844, 35.6588, 51.1461 by changing the saturation by 10% instead.


 52.1844, 35.6588,
51.1461

 52.1844, 35.6588,
51.1461


385.4604,
327.4668, 407.9939

 37.3769, 24.1708,
35.9474


 92.5758, 68.5051,
93.2844

 25.6745, 15.4604,
24.1042


 118.8904, 90.6322,
121.0611

 16.7117, 9.1431,
15.1980


 149.7714,
117.0744, 153.8674

 10.1232, 4.8346,
8.8103

185.5842,
148.2162, 192.1220

 5.5436, 2.1506,
4.5225

226.6941,
184.4420, 236.2435

 2.6076, 0.6928,
1.9162

273.4666,

 0.9498, 0.0000,

226.1360, 286.6502

0.5030

326.2669,
273.6828, 343.7608

■ 0.0000, 0.0000,
0.0000

■ 52.1844, 35.6588,
51.1461

■ 52.1844, 35.6588,
51.1461

■ 48.5471, 30.1687,
44.4316

■ 56.6442, 42.6535,
58.5662

■ 45.6705, 26.0636,
38.3917

■ 61.9761, 51.2500,
66.7166

■ 43.4885, 23.2142,
32.9950

■ 68.2292, 61.5434,
75.6227

■ 41.9212, 21.4640,
28.2045

■ 75.4479, 73.6197,
85.3082

■ 40.9061, 20.5925,
24.2939

■ 83.6738, 87.5592,
95.7951

■ 89.9378, 97.4212,
106.1019

■ 90.4281, 97.6173,
108.6837

Harmonies

Analogous

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



46.9506, 35.6588, 80.8023



52.1844, 35.6588, 51.1461



51.9831, 35.6588, 27.3638

Triad

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



52.1844, 35.6588, 51.1461



29.6097, 35.6588, 9.1155



23.8376, 35.6588, 82.7453

Complementary

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



52.1844, 35.6588, 51.1461



47.0016, 70.4832, 51.1753

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.



20.5773, 35.6588, 53.1120



52.1844, 35.6588, 51.1461



23.5125, 35.6588, 14.6902

Square

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



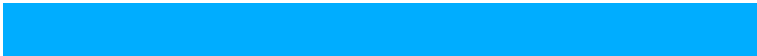
52.1844, 35.6588, 51.1461



37.9583, 35.6588, 8.9517



20.4691, 35.6588, 28.6632



30.1282, 35.6588, 103.5571

Rectangle

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



52.1844, 35.6588, 51.1461



48.7657, 35.6588, 17.4186



20.4691, 35.6588, 28.6632



22.4003, 35.6588, 73.0413

Sweetspot

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



52.1855, 35.6605, 51.1468



81.4057, 76.9238, 91.3657



39.7048, 28.4113, 87.3959



17.0578, 15.8522, 19.0636



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.



52.1855, 35.6605, 51.1468



54.5483, 33.7907, 49.7910



47.0600, 33.6104, 24.1565



16.1385, 15.9051, 18.2858



22.0449, 11.0904, 13.4191



1.8840, 0.9426, 1.3799

Inverse Universe

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



52.1855, 35.6605, 51.1468



54.5483, 33.7907, 49.7910



54.1836, 73.3560, 88.9953



16.1385, 15.9051, 18.2858



22.0449, 11.0904, 13.4191



1.8840, 0.9426, 1.3799

Previews

White Background



This preview shows how the XYZ color 52.1844, 35.6588, 51.1461 looks on a white background.

Color Contrast Check

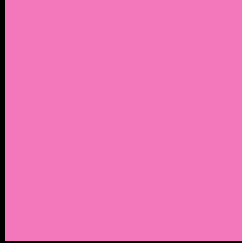
Large Text (above 18pt) WCAG AA × Fail

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 52.1844, 35.6588, 51.1461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

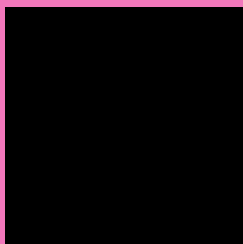
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1844, 35.6588, 51.1461

Background



This preview shows how black text looks on a background with the XYZ color 52.1844, 35.6588, 51.1461.



This preview shows how white text looks on a background with the XYZ color 52.1844, 35.6588,

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

52.1844, 35.6588, 51.1461

Protanopia

36.6906, 36.1589, 69.3355

Deuteranopia

36.5459, 35.7750, 48.6951



Tritanopia

47.3628, 35.5400, 28.4084

Trichromacy



Original Color

52.1844, 35.6588, 51.1461



Protanomaly

40.2009, 34.4823, 62.2945



Deuteranomaly

40.8754, 34.6659, 49.3366



Tritanomaly

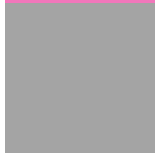
48.9310, 35.4183, 35.7100

Monochromacy



Original Color

52.1844, 35.6588, 51.1461



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

39.7745, 35.3648, 43.7595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1844, 35.6588, 51.1461 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, 119, 187)` looks like.

```
.text, #text, p{  
    color:rgb(242, 119, 187)  
}
```

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, 119, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 119, 187) }
```

Border

The CSS property to change the border of an element to XYZ 52.1844, 35.6588, 51.1461 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, 119, 187) }
```


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

```
.border{ border-color:rgb(242, 119, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 119, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 119, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 119, 187);  
box-shadow:4px 4px 4px 4px rgb(242, 119,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1844, 35.6588, 51.1461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 119, 187) }
```

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

```
.background{ background-color: rgb(242,  
119, 187) }
```

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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