

Converting Colors

XYZ(52.0702, 35.2877, 56.6348)

Have a look what the booklet for
XYZ(52.0702, 35.2877, 56.6348)
contains.

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Color

**XYZ(52.1531, 35.3388,
56.8956)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EF76C5 |
| RGB | 239, 118, 197 |
| RGB Percent | 94%, 46%, 77% |
| CMY | 0.0627, 0.5372, 0.2274 |
| CMYK | 0.00, 0.51, 0.18, 0.06 |
| HSL | 321°, 79%, 70% |
| HSV | 321°, 51%, 94% |
| XYZ | 52.1531, 35.3388, 56.8956 |
| YIQ | 163.1850, 46.7570, 50.2210 |

Conversions

Conversions Part 2

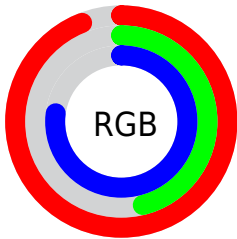
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 239, 118, 197 |
| Decimal | 15693509 |
| CIE Lab | 66.01, 55.84, -19.69 |
| CIE LCh | 66, 59.212, 340.576 |
| Yxy | 35.3388, 0.3612, 0.2447 |
| Android (android.graphics.Color) | 4293883589 (0xFFEF76C5) |
| YUV | 163.1850, 16.6708, 66.4898 |
| Hunter-Lab | 59.4464, 52.5690, -15.1334 |

Details

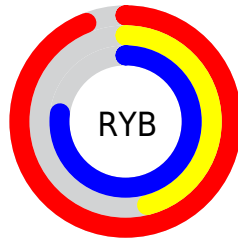
The XYZ color **52.1531, 35.3388, 56.8956** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **44.6846, 68.1238, 44.0548**, and the grayscale version is **34.8095, 36.6223, 39.8817**.

A 20% lighter version of the original color is **74.2654, 58.6879, 101.1796**, and **25.5578, 15.2415, 27.5815** is the 20% darker color. If you saturate the color by 10%, you get **48.7623, 30.0365, 51.2036**, and if you desaturate by 10%, it is **56.3113, 42.0912, 63.1022**.

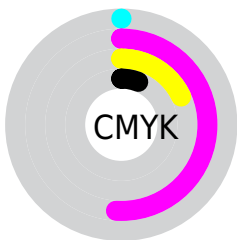
Distribution



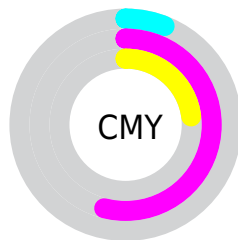
- Red (94%)
- Green (46%)
- Blue (77%)



- Red (94%)
- Yellow (46%)
- Blue (77%)



- Cyan (0%)
- Magenta (51%)
- Yellow (18%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1531, 35.3388, 56.8956 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 52.1531, 35.3388, 56.8956 by changing the saturation by 10% instead.

 52.1531, 35.3388,
56.8956

 52.1531, 35.3388,
56.8956


385.3416,
326.0613, 430.5408

 37.3519, 23.9240,
40.5126


 92.5299, 68.0103,
101.8117

 25.6550, 15.2772,
27.6216


 118.8362, 90.0357,
131.1818

 16.6970, 9.0142,
17.8041


 149.7082,
116.3669, 165.7181

 10.1127, 4.7504,
10.6414

185.5113,
147.3880, 205.8391

 5.5366, 2.1016,
5.7152

226.6108,
183.4837, 251.9634

 2.6034, 0.6655,
2.6067

273.3721,

 0.9477, 0.0000,

225.0382, 304.5093

0.8959

326.1606,
272.4359, 363.8956

■ 0.0000, 0.0000,
0.0000

■ 52.1531, 35.3388,
56.8956

■ 52.1531, 35.3388,
56.8956

■ 48.7623, 30.0365,
51.2036

■ 56.3113, 42.0912,
63.1022

■ 46.0798, 26.0690,
46.0014

■ 61.2837, 50.3873,
69.8421

■ 44.0430, 23.3117,
41.2643


■ 67.1169, 60.3189,
77.1349


■ 42.5758, 21.6140,
36.9626

■ 73.8531, 71.9688,
84.9988

■ 41.6008, 20.7524,
33.2822

■ 81.5316, 85.4146,
93.4504

 88.1112, 96.5726,
101.8130

 89.4069, 97.0909,
108.6359

Harmonies

Analogous

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



45.8067, 35.3388, 88.1088



52.1531, 35.3388, 56.8956



53.0620, 35.3388, 30.2703

Triad

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



52.1531, 35.3388, 56.8956



30.5848, 35.3388, 7.8368



22.3305, 35.3388, 79.2619

Complementary

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



52.1531, 35.3388, 56.8956



44.6846, 68.1238, 44.0548

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.



19.5788, 35.3388, 48.0494



52.1531, 35.3388, 56.8956



23.7625, 35.3388, 12.2025

Square

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



52.1531, 35.3388, 56.8956



39.5199, 35.3388, 8.5241



20.0528, 35.3388, 24.5375



28.2824, 35.3388, 104.4384

Rectangle

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



52.1531, 35.3388, 56.8956



50.3163, 35.3388, 18.7549



20.0528, 35.3388, 24.5375



21.0518, 35.3388, 68.6765

Sweetspot

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



52.1542, 35.3405, 56.8963



81.9738, 77.1511, 94.3572



36.2264, 26.4938, 84.8665



17.1948, 15.9070, 19.7853



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.



52.1542, 35.3405, 56.8963



56.2878, 34.4865, 58.9511



46.6760, 33.1492, 28.0485



16.2076, 15.9328, 18.6496



23.0536, 11.4939, 18.7308



1.9646, 0.9749, 1.8043

Inverse Universe

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



52.1542, 35.3405, 56.8963



56.2878, 34.4865, 58.9511



51.1033, 70.6913, 77.8554



16.2076, 15.9328, 18.6496



23.0536, 11.4939, 18.7308



1.9646, 0.9749, 1.8043

Previews

White Background



This preview shows how the XYZ color 52.1531, 35.3388, 56.8956 looks on a white background.

Color Contrast Check

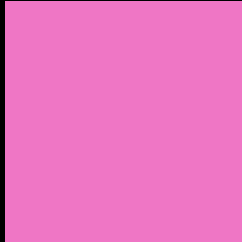
Large Text (above 18pt) WCAG AA × Fail

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 52.1531, 35.3388, 56.8956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

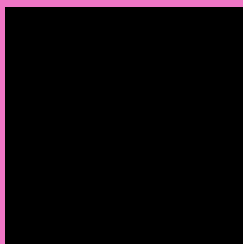
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1531, 35.3388, 56.8956

Background



This preview shows how black text looks on a background with the XYZ color 52.1531, 35.3388, 56.8956.



This preview shows how white text looks on a background with the XYZ color 52.1531, 35.3388,

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

52.1531, 35.3388, 56.8956

Protanopia

37.0785, 35.9178, 77.6516

Deuteranopia

36.2515, 35.5130, 53.6592



Tritanopia

46.3205, 35.1824, 29.1605

Trichromacy



Original Color

52.1531, 35.3388, 56.8956



Protanomaly

40.2724, 34.1345, 69.4318



Deuteranomaly

40.6833, 34.4423, 54.9559



Tritanomaly

48.1548, 35.1571, 37.9662

Monochromacy



Original Color

52.1531, 35.3388, 56.8956



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.6574, 35.0389, 45.2305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1531, 35.3388, 56.8956 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(239, 118, 197)` looks like.

```
.text, #text, p{  
    color:rgb(239, 118, 197)  
}
```

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(239, 118, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 118, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.1531, 35.3388, 56.8956 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(239, 118, 197) }
```


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

```
.border{ border-color:rgb(239, 118, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 118, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 118, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 118, 197);  
box-shadow:4px 4px 4px 4px rgb(239, 118,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1531, 35.3388, 56.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 118, 197) }
```

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

```
.background{ background-color: rgb(239,  
118, 197) }
```

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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