

Converting Colors

XYZ(56.0824, 40.5578, 56.6646)

Have a look what the booklet for
XYZ(56.0824, 40.5578, 56.6646)
contains.

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Color

**XYZ(56.1705, 40.6806,
56.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	F587C3
RGB	245, 135, 195
RGB Percent	96%, 53%, 76%
CMY	0.0392, 0.4706, 0.2353
CMYK	0.00, 0.45, 0.20, 0.04
HSL	327°, 85%, 75%
HSV	327°, 45%, 96%
XYZ	56.1705, 40.6806, 56.5214
YIQ	174.7300, 46.3000, 41.9800

Conversions

Conversions Part 2

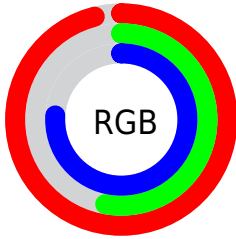
Format	Color
R_{YB}	245, 135, 195
Decimal	16091075
CIE _{Lab}	69.95, 49.11, -12.54
CIE _{LCh}	70, 50.687, 345.672
Yxy	40.6806, 0.3662, 0.2652
Android (android.graphics.Color)	4294281155 (0xFFFF587C3)
YUV	174.7300, 9.9931, 61.6268
Hunter-Lab	63.7813, 45.5828, -7.8943

Details

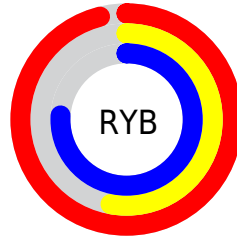
The XYZ color **56.1705, 40.6806, 56.5214** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.4029, 73.9597, 57.4689**, and the grayscale version is **40.5426, 42.6539, 46.4501**.

A 20% lighter version of the original color is **77.4415, 65.5499, 100.6662**, and **27.9998, 18.2470, 27.2456** is the 20% darker color. If you saturate the color by 10%, you get **51.9246, 34.1291, 49.1235**, and if you desaturate by 10%, it is **61.2992, 48.8464, 64.6778**.

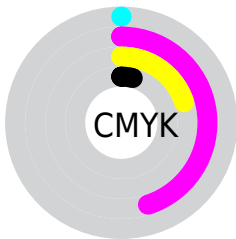
Distribution



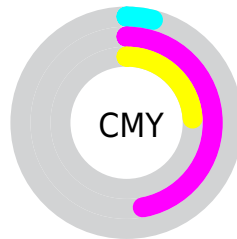
- Red (96%)
- Green (53%)
- Blue (76%)



- Red (96%)
- Yellow (53%)
- Blue (76%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1705, 40.6806, 56.5214 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 56.1705, 40.6806, 56.5214 by changing the saturation by 10% instead.


 56.1705, 40.6806,
56.5214


 56.1705, 40.6806,
56.5214

400.3983,
348.9839, 429.0969


 40.5772, 28.0696,
40.2143

 98.3922, 76.1988,
101.2599

 28.1751, 18.3781,
27.3906


 125.7513, 99.8748,
130.5284

 18.5988, 11.2218,
17.6318


 157.7630,
128.0079, 164.9544

 11.4830, 6.2162,
10.5193

194.7927,
160.9825, 204.9566

 6.4624, 2.9770,
5.6345

237.2057,
199.1830, 250.9534

 3.1715, 1.1197,
2.5590

285.3674,

 1.2451, 0.0000,

242.9938, 303.3633

0.8712

339.6432,
292.7993, 362.6050

■ 0.1415, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1705, 40.6806,
56.5214

■ 56.1705, 40.6806,
56.5214

■ 51.9246, 34.1291,
49.1235

■ 61.2992, 48.8464,
64.6778

■ 48.5011, 29.0758,
42.4527

■ 67.3584, 58.7204,
73.6172

■ 45.8375, 25.3985,
36.4781

■ 74.3969, 70.3962,
83.3655

■ 43.8597, 22.9527,
31.1645

■ 82.4584, 83.9588,
93.9466

■ 42.4774, 21.5613,
26.4703

■ 90.7794, 97.8778,
105.1148

■ 41.9338, 21.1235,
24.2867

■ 91.4664, 98.1526,
108.7323

Harmonies

Analogous

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



51.1657, 40.6806, 84.2494



56.1705, 40.6806, 56.5214



56.0471, 40.6806, 33.1163

Triad

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



56.1705, 40.6806, 56.5214



34.5353, 40.6806, 13.3625



28.6025, 40.6806, 85.4113

Complementary

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



56.1705, 40.6806, 56.5214



51.4029, 73.9597, 57.4689

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.



25.3100, 40.6806, 57.7408



56.1705, 40.6806, 56.5214



28.3879, 40.6806, 19.5206

Square

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



56.1705, 40.6806, 56.5214



42.7277, 40.6806, 13.2389



25.2375, 40.6806, 33.9714



34.8696, 40.6806, 104.5372

Rectangle

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



56.1705, 40.6806, 56.5214



53.0442, 40.6806, 22.7250



25.2375, 40.6806, 33.9714



27.1531, 40.6806, 76.4363

Sweetspot

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



56.1717, 40.6825, 56.5222



83.0394, 79.7101, 93.3933



45.0345, 34.1751, 90.6095



17.3787, 16.4002, 19.4599



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.



56.1717, 40.6825, 56.5222



57.1958, 37.8764, 54.4017



51.0923, 38.6508, 29.7746



16.8773, 16.6338, 19.1002



22.6613, 11.4080, 13.4566



2.0435, 1.0234, 1.4556

Inverse Universe

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



56.1717, 40.6825, 56.5222



57.1958, 37.8764, 54.4017



58.2994, 76.7182, 93.7852



16.8773, 16.6338, 19.1002



22.6613, 11.4080, 13.4566



2.0435, 1.0234, 1.4556

Previews

White Background



This preview shows how the XYZ color 56.1705, 40.6806, 56.5214 looks on a white background.

Color Contrast Check

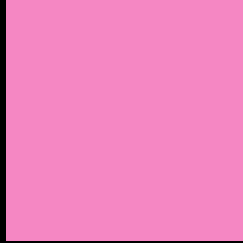
Large Text (above 18pt) WCAG AA × Fail

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 56.1705, 40.6806, 56.5214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

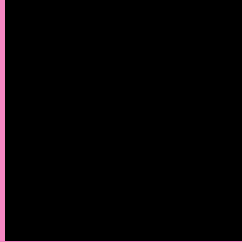
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1705, 40.6806, 56.5214

Background



This preview shows how black text looks on a background with the XYZ color 56.1705, 40.6806, 56.5214.



This preview shows how white text looks on a background with the XYZ color 56.1705, 40.6806,

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

56.1705, 40.6806, 56.5214

Protanopia

41.3277, 41.1823, 72.1004

Deuteranopia

41.9354, 41.0584, 54.4300



Tritanopia

51.9308, 40.6788, 35.6866

Trichromacy



Original Color

56.1705, 40.6806, 56.5214



Protanomaly

44.9250, 39.7142, 66.2706



Deuteranomaly

46.1376, 40.0858, 55.1748



Tritanomaly

53.1575, 40.4980, 42.5513

Monochromacy



Original Color

56.1705, 40.6806, 56.5214



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.8337, 40.7984, 49.7678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1705, 40.6806, 56.5214 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(245, 135, 195)` looks like.

```
.text, #text, p{  
    color:rgb(245, 135, 195)  
}
```

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(245, 135, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 135, 195) }
```

Border

The CSS property to change the border of an element to XYZ 56.1705, 40.6806, 56.5214 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(245, 135, 195) }
```


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

```
.border{ border-color:rgb(245, 135, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 135, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 135, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 135, 195);  
box-shadow:4px 4px 4px 4px rgb(245, 135,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1705, 40.6806, 56.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 135, 195) }
```

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

```
.background{ background-color: rgb(245,  
135, 195) }
```

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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