

Converting Colors

XYZ(56.1780, 40.7494, 40.2546)

Have a look what the booklet for
XYZ(56.1780, 40.7494, 40.2546)
contains.

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Color

**XYZ(56.0990, 40.8014,
40.0407)**

Conversions

Conversions Part 1

Format	Color
Hex	FE86A4
RGB	254, 134, 164
RGB Percent	100%, 53%, 64%
CMY	0.0039, 0.4745, 0.3569
CMYK	0.00, 0.47, 0.35, 0.00
HSL	345°, 98%, 76%
HSV	345°, 47%, 100%
XYZ	56.0990, 40.8014, 40.0407
YIQ	173.3000, 61.8900, 34.7700

Conversions

Conversions Part 2

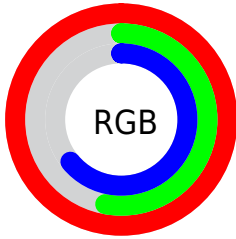
Format	Color
R_{YB}	254, 134, 164
Decimal	16680612
CIE _{Lab}	70.04, 48.57, 5.05
CIE _{LCh}	70, 48.828, 5.937
Yxy	40.8014, 0.4097, 0.2979
Android (android.graphics.Color)	4294870692 (0xFFFE86A4)
YUV	173.3000, -4.5849, 70.7739
Hunter-Lab	63.8760, 44.9845, 7.5472

Details

The XYZ color **56.0990, 40.8014, 40.0407** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.7299, 81.3347, 83.1294**, and the grayscale version is **39.8754, 41.9520, 45.6857**.

A 20% lighter version of the original color is **72.4396, 63.2014, 75.3989**, and **28.0414, 18.3765, 17.3983** is the 20% darker color. If you saturate the color by 10%, you get **51.4069, 33.9673, 30.6148**, and if you desaturate by 10%, it is **61.8940, 49.4285, 51.1066**.

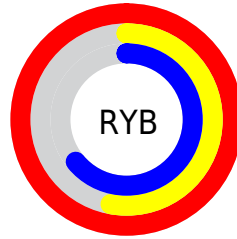
Distribution



Red (100%)

Green (53%)

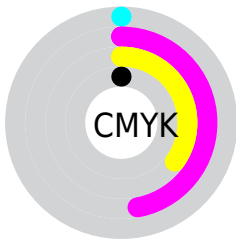
Blue (64%)



Red (100%)

Yellow (53%)

Blue (64%)

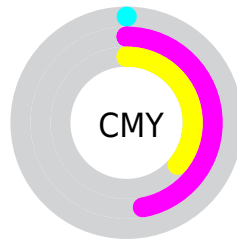


Cyan (0%)

Magenta (47%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0990, 40.8014, 40.0407 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 56.0990, 40.8014, 40.0407 by changing the saturation by 10% instead.


 56.0990, 40.8014,
40.0407


 56.0990, 40.8014,
40.0407


400.1335,
349.4899, 361.8523


 40.5196, 28.1639,
27.2563


 98.2883, 76.3823,
76.4633

 28.1299, 18.4493,
17.5316


 125.6289,
100.0946, 100.9384

 18.5646, 11.2730,
10.4483


 157.6206,
128.2672, 130.1476

 11.4582, 6.2508,
5.5877

194.6288,
161.2846, 164.5093

 6.4455, 2.9982,
2.5314

237.0188,
199.5312, 204.4421

 3.1610, 1.1308,
0.8567

285.1561,

 1.2395, 0.0040,

243.3913, 250.3645

0.0000

339.4058,
293.2494, 302.6950

■ 0.1372, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0990, 40.8014,
40.0407

■ 56.0990, 40.8014,
40.0407

■ 51.4069, 33.9673,
30.6148

■ 61.8940, 49.4285,
51.1066

■ 47.7416, 28.7929,
22.7458

■ 68.8546, 59.9574,
63.8849

■ 45.0223, 25.1359,
16.3468

■ 77.0426, 72.4952,
78.4466

■ 43.1537, 22.8272,
11.3201

■ 86.5142, 87.1394,
94.8575

■ 42.0154, 21.6495,
7.5533

94.6831, 99.8108,
108.8828

■ 41.7840, 21.4352,
6.7099

Harmonies

Analogous

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



54.5166, 40.8014, 64.8216



56.0990, 40.8014, 40.0407



52.5523, 40.8014, 23.3322

Triad

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



56.0990, 40.8014, 40.0407



30.4671, 40.8014, 17.5313



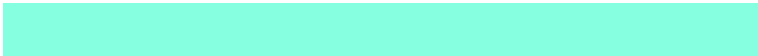
32.8640, 40.8014, 97.7298

Complementary

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



56.0990, 40.8014, 40.0407



58.7299, 81.3347, 83.1294

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.



27.6531, 40.8014, 75.4675



56.0990, 40.8014, 40.0407



26.4076, 40.8014, 28.8315

Square

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



56.0990, 40.8014, 40.0407



37.2175, 40.8014, 13.5178



25.4526, 40.8014, 49.1199



40.3867, 40.8014, 103.9059

Rectangle

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



56.0990, 40.8014, 40.0407



48.0086, 40.8014, 17.0921



25.4526, 40.8014, 49.1199



30.8179, 40.8014, 91.5802

Sweetspot

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



56.1001, 40.8035, 40.0415



80.6845, 77.6936, 84.3055



57.1566, 40.0556, 98.4850



16.8457, 15.9756, 17.3049



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.



56.1001, 40.8035, 40.0415



51.9651, 34.4112, 31.0899



58.4531, 49.3452, 29.0007



18.1956, 18.0615, 19.6471



22.0783, 11.3206, 3.7967



2.1912, 1.1188, 0.5881

Inverse Universe

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



56.1001, 40.8035, 40.0415



51.9651, 34.4112, 31.0899



54.3783, 65.5370, 103.5498



18.1956, 18.0615, 19.6471



22.0783, 11.3206, 3.7967



2.1912, 1.1188, 0.5881

Previews

White Background



This preview shows how the XYZ color 56.0990, 40.8014, 40.0407 looks on a white background.

Color Contrast Check

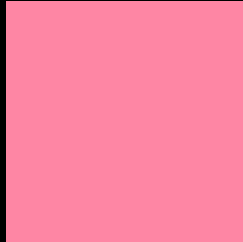
Large Text (above 18pt) WCAG AA × Fail

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 56.0990, 40.8014, 40.0407 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 56.0990, 40.8014, 40.0407

Background



This preview shows how black text looks on a background with the XYZ color 56.0990, 40.8014, 40.0407.



This preview shows how white text looks on a background with the XYZ color 56.0990, 40.8014,

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

56.0990, 40.8014, 40.0407

Protanopia

40.1145, 41.2865, 51.7538

Deuteranopia

41.8865, 41.1131, 38.5289



Tritanopia

54.7201, 40.8806, 32.6104

Trichromacy



Original Color

56.0990, 40.8014, 40.0407



Protanomaly

44.2501, 40.0456, 46.9923



Deuteranomaly

46.0130, 40.1315, 39.0392



Tritanomaly

55.0619, 40.7909, 35.1083

Monochromacy



Original Color

56.0990, 40.8014, 40.0407



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.0110, 40.2551, 43.4806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0990, 40.8014, 40.0407 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(254, 134, 164)` looks like.

```
.text, #text, p{  
    color:rgb(254, 134, 164)  
}
```

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(254, 134, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 134, 164) }
```

Border

The CSS property to change the border of an element to XYZ 56.0990, 40.8014, 40.0407 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(254, 134, 164) }
```


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

```
.border{ border-color:rgb(254, 134, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 134, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 134, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 134, 164);  
box-shadow:4px 4px 4px 4px rgb(254, 134,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0990, 40.8014, 40.0407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 134, 164) }
```

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

```
.background{ background-color: rgb(254,  
134, 164) }
```

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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