

Converting Colors

XYZ(56.0634, 39.9736, 40.5766)

Have a look what the booklet for
XYZ(56.0634, 39.9736, 40.5766)
contains.

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Color

**XYZ(56.0142, 39.9419,
40.3546)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82A5
RGB	255, 130, 165
RGB Percent	100%, 51%, 65%
CMY	0.0000, 0.4902, 0.3529
CMYK	0.00, 0.49, 0.35, 0.00
HSL	343°, 100%, 75%
HSV	343°, 49%, 100%
XYZ	56.0142, 39.9419, 40.3546
YIQ	171.3650, 63.2650, 37.3850

Conversions

Conversions Part 2

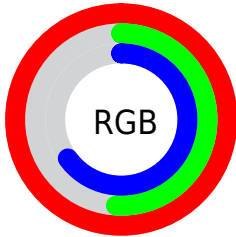
Format	Color
R _Y B	255, 130, 165
Decimal	16745125
CIE Lab	69.43, 50.98, 3.63
CIE LCh	69, 51.106, 4.071
Yxy	39.9419, 0.4109, 0.2930
Android (android.graphics.Color)	4294935205 (0xFFFF82A5)
YUV	171.3650, -3.1379, 73.3479
Hunter-Lab	63.1996, 47.6063, 6.3815

Details

The XYZ color **56.0142, 39.9419, 40.3546** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.8862, 81.4341, 80.3821**, and the grayscale version is **38.8864, 40.9115, 44.5527**.

A 20% lighter version of the original color is **71.7172, 61.5451, 75.8096**, and **28.0708, 17.9632, 17.6105** is the 20% darker color. If you saturate the color by 10%, you get **51.4798, 33.3584, 31.1814**, and if you desaturate by 10%, it is **61.6309, 48.3059, 51.0731**.

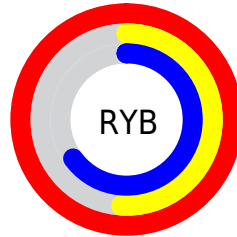
Distribution



Red (100%)

Green (51%)

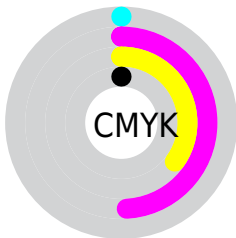
Blue (65%)



Red (100%)

Yellow (51%)

Blue (65%)

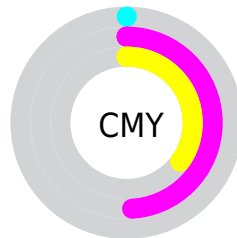


Cyan (0%)

Magenta (49%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0142, 39.9419, 40.3546 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 56.0142, 39.9419, 40.3546 by changing the saturation by 10% instead.


 56.0142, 39.9419,
40.3546


 56.0142, 39.9419,
40.3546


399.8192,
345.8786, 363.2123


 40.4514, 27.4932,
27.4992


 98.1650, 75.0750,
76.9462

 28.0764, 17.9440,
17.7128

 125.4837, 98.5283,
101.5195

 18.5240, 10.9098,
10.5767

 157.4517,
126.4186, 130.8358

 11.4288, 6.0062,
5.6724

194.4344,
159.1302, 165.3138

 6.4254, 2.8489,
2.5814

236.7972,
197.0477, 205.3718

 3.1486, 1.0533,
0.8828

284.9053,

 1.2328, 0.0000,

240.5553, 251.4286

0.0000

339.1242,
290.0375, 303.9026

■ 0.1320, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0142, 39.9419,
40.3546

■ 56.0142, 39.9419,
40.3546

■ 51.4798, 33.3584,
31.1814

■ 61.6309, 48.3059,
51.0731

■ 47.9512, 28.4189,
23.4766

■ 68.3933, 58.5619,
63.4040

■ 45.3464, 24.9767,
17.1595

■ 76.3630, 70.8191,
77.4129

■ 43.5679, 22.8558,
12.1394

■ 85.5967, 85.1766,
93.1611

■ 42.4763, 21.7981, 95.0500, 100.0000,
8.3062 108.9000

■ 42.3899, 21.7200,
7.9854

Harmonies

Analogous

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



54.0276, 39.9419, 66.4396



56.0142, 39.9419, 40.3546



52.6202, 39.9419, 22.7391

Triad

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



56.0142, 39.9419, 40.3546



29.7789, 39.9419, 15.7361



31.4628, 39.9419, 98.2288

Complementary

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



56.0142, 39.9419, 40.3546



57.8862, 81.4341, 80.3821

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.



26.3176, 39.9419, 74.1003



56.0142, 39.9419, 40.3546



25.4484, 39.9419, 26.5467

Square

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



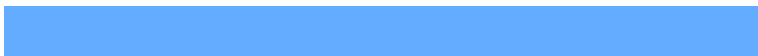
56.0142, 39.9419, 40.3546



36.8524, 39.9419, 12.1596



24.2786, 39.9419, 46.7836



39.0969, 39.9419, 106.0772

Rectangle

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



56.0142, 39.9419, 40.3546



48.0147, 39.9419, 16.1675



24.2786, 39.9419, 46.7836



29.4232, 39.9419, 91.4110

Sweetspot

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



56.0152, 39.9439, 40.3553



79.9170, 76.3283, 83.5261



55.4235, 38.3383, 99.0866



16.7008, 15.7094, 17.1837



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.



56.0152, 39.9439, 40.3553



51.4865, 33.3680, 31.1955



57.3418, 47.0160, 27.1745



18.2184, 18.0707, 19.7670



22.2040, 11.3709, 4.4586



2.2061, 1.1248, 0.6666

Inverse Universe

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



56.0152, 39.9439, 40.3553



51.4865, 33.3680, 31.1955



54.9780, 67.4083, 104.7212



18.2184, 18.0707, 19.7670



22.2040, 11.3709, 4.4586



2.2061, 1.1248, 0.6666

Previews

White Background



This preview shows how the XYZ color 56.0142, 39.9419, 40.3546 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 56.0142, 39.9419, 40.3546 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 56.0142, 39.9419, 40.3546

Background



This preview shows how black text looks on a background with the XYZ color 56.0142, 39.9419, 40.3546.



This preview shows how white text looks on a background with the XYZ color 56.0142, 39.9419,

40.3546.

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

56.0142, 39.9419, 40.3546

Protanopia

39.4135, 40.3316, 53.2844

Deuteranopia

40.7687, 40.0013, 38.3732



Tritanopia

54.0672, 39.9465, 31.2463

Trichromacy



Original Color

56.0142, 39.9419, 40.3546



Protanomaly

43.7790, 39.0173, 48.4037



Deuteranomaly

45.3928, 39.3258, 38.9164



Tritanomaly

54.9281, 40.1129, 34.5533

Monochromacy



Original Color

56.0142, 39.9419, 40.3546



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

43.4070, 39.1981, 42.8143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0142, 39.9419, 40.3546 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(255, 130, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 165)  
}
```

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(255, 130, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 165) }
```

Border

The CSS property to change the border of an element to XYZ 56.0142, 39.9419, 40.3546 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(255, 130, 165) }
```


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

```
.border{ border-color:rgb(255, 130, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 130, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 130, 165); box-shadow:4px 4px 4px 4px rgb(255, 130, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0142, 39.9419, 40.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 165) }
```

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

```
.background{ background-color: rgb(255,  
130, 165) }
```

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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