

Converting Colors

XYZ(74.8519, 49.8872, 42.3780)

Have a look what the booklet for
XYZ(74.8519, 49.8872, 42.3780)
contains.

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Color

**XYZ(56.3314, 40.2826,
41.3656)**

Conversions

Conversions Part 1

Format	Color
Hex	FF83A7
RGB	255, 131, 167
RGB Percent	100%, 51%, 65%
CMY	0.0000, 0.4862, 0.3451
CMYK	0.00, 0.49, 0.35, 0.00
HSL	343°, 100%, 76%
HSV	343°, 49%, 100%
XYZ	56.3314, 40.2826, 41.3656
YIQ	172.1800, 62.3480, 37.4840

Conversions

Conversions Part 2

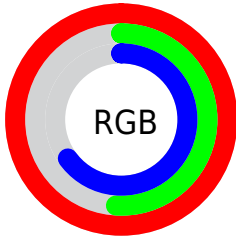
Format	Color
R _Y B	255, 131, 167
Decimal	16745383
CIE Lab	69.67, 50.72, 2.86
CIE LCh	70, 50.803, 3.223
Yxy	40.2826, 0.4083, 0.2919
Android (android.graphics.Color)	4294935463 (0xFFFF83A7)
YUV	172.1800, -2.5537, 72.6331
Hunter-Lab	63.4686, 47.3573, 5.7858

Details

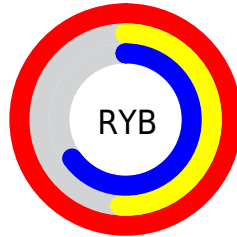
The XYZ color **56.3314, 40.2826, 41.3656** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.9082, 81.4607, 79.6935**, and the grayscale version is **39.2954, 41.3418, 45.0212**.

A 20% lighter version of the original color is **72.1951, 62.0746, 77.2837**, and **28.2541, 18.1477, 18.2334** is the 20% darker color. If you saturate the color by 10%, you get **51.7605, 33.6336, 32.1572**, and if you desaturate by 10%, it is **61.9811, 48.7145, 52.0896**.

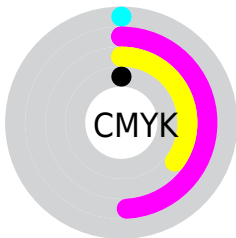
Distribution



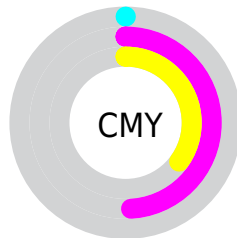
- Red (100%)
- Green (51%)
- Blue (65%)



- 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 56.3314, 40.2826, 41.3656 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 56.3314, 40.2826, 41.3656 by changing the saturation by 10% instead.


 56.3314, 40.2826,
41.3656


 56.3314, 40.2826,
41.3656


400.9940,
347.3133, 367.5681


 40.7067, 27.7590,
28.2830


 98.6260, 75.5937,
78.4983

 28.2767, 18.1440,
18.2982


 126.0266, 99.1498,
103.3854

 18.6758, 11.0534,
10.9926


 158.0832,
127.1524, 133.0445

 11.5389, 6.1028,
5.9478

195.1612,
159.9856, 167.8941

 6.5005, 2.9077,
2.7451

237.6259,
198.0338, 208.3527

 3.1953, 1.0837,
0.9660

285.8427,

 1.2578, 0.0000,

241.6816, 254.8389

0.0000

340.1770,
291.3133, 307.7712

■ 0.1513, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3314, 40.2826,
41.3656

■ 56.3314, 40.2826,
41.3656

■ 51.7605, 33.6336,
32.1572

■ 61.9811, 48.7145,
52.0896

■ 48.1928, 28.6318,
24.3902

■ 68.7723, 59.0400,
64.3938

■ 45.5471, 25.1315,
17.9870

■ 76.7662, 71.3679,
78.3414

■ 43.7274, 22.9582,
12.8606

■ 86.0188, 85.7970,
93.9917

■ 42.6005, 21.8651, 95.0500, 100.0000,
8.9064 108.9000

■ 42.4768, 21.7547,
8.4431

Harmonies

Analogous

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



54.1991, 40.2826, 67.5731



56.3314, 40.2826, 41.3656



53.0868, 40.2826, 23.4439

Triad

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



56.3314, 40.2826, 41.3656



30.2655, 40.2826, 15.8496



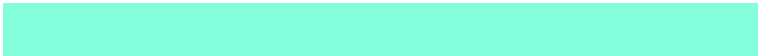
31.6001, 40.2826, 97.9414

Complementary

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



56.3314, 40.2826, 41.3656



57.9082, 81.4607, 79.6935

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.



26.5309, 40.2826, 73.6233



56.3314, 40.2826, 41.3656



25.8413, 40.2826, 26.4677

Square

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



56.3314, 40.2826, 41.3656



37.4059, 40.2826, 12.4159



24.5778, 40.2826, 46.4546



39.1826, 40.2826, 106.3397

Rectangle

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



56.3314, 40.2826, 41.3656



48.5492, 40.2826, 16.6806



24.5778, 40.2826, 46.4546



29.5842, 40.2826, 91.0140

Sweetspot

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



56.3324, 40.2846, 41.3664



79.9717, 76.3502, 83.8144



55.0216, 38.3295, 99.1061



16.7139, 15.7146, 17.2525



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.



56.3324, 40.2846, 41.3664



52.0159, 33.9994, 32.6894



57.1931, 46.6107, 27.4576



18.2262, 18.0738, 19.8084



22.2509, 11.3896, 4.7055



2.2115, 1.1270, 0.6952

Inverse Universe

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



56.3324, 40.2846, 41.3664



52.0159, 33.9994, 32.6894



55.7641, 68.7517, 104.9391



18.2262, 18.0738, 19.8084



22.2509, 11.3896, 4.7055



2.2115, 1.1270, 0.6952

Previews

White Background



This preview shows how the XYZ color 56.3314, 40.2826, 41.3656 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 56.3314, 40.2826, 41.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

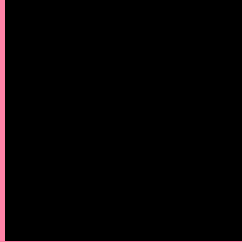
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3314, 40.2826, 41.3656

Background



This preview shows how black text looks on a background with the XYZ color 56.3314, 40.2826, 41.3656.



This preview shows how white text looks on a background with the XYZ color 56.3314, 40.2826,

41.3656.

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

56.3314, 40.2826, 41.3656

Protanopia

39.6307, 40.4185, 54.4280

Deuteranopia

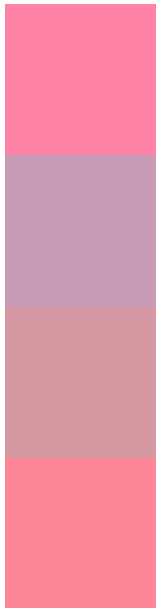
41.3740, 40.5598, 39.3664



Tritanopia

54.2828, 40.2549, 31.6970

Trichromacy



Original Color

56.3314, 40.2826, 41.3656

Protanomaly

43.9843, 39.0994, 49.4847

Deuteranomaly

45.7336, 39.7230, 39.9072

Tritanomaly

55.1479, 40.4209, 35.0324

Monochromacy



Original Color

56.3314, 40.2826, 41.3656

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

43.6698, 39.5728, 43.3669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3314, 40.2826, 41.3656 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, 131, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 167)  
}
```

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, 131, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 167) }
```

Border

The CSS property to change the border of an element to XYZ 56.3314, 40.2826, 41.3656 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, 131, 167) }
```


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

```
.border{ border-color:rgb(255, 131, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 131, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 131, 167); box-shadow:4px 4px 4px 4px rgb(255, 131, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3314, 40.2826, 41.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 167) }
```

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

```
.background{ background-color: rgb(255,  
131, 167) }
```

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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