

Converting Colors

XYZ(56.1435, 40.2506, 64.6778)

Have a look what the booklet for
XYZ(56.1435, 40.2506, 64.6778)
contains.

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Color

**XYZ(56.1859, 40.3050,
64.4928)**

Conversions

Conversions Part 1

Format	Color
Hex	F186D0
RGB	241, 134, 208
RGB Percent	95%, 53%, 82%
CMY	0.0549, 0.4745, 0.1843
CMYK	0.00, 0.44, 0.14, 0.05
HSL	319°, 79%, 74%
HSV	319°, 44%, 95%
XYZ	56.1859, 40.3050, 64.4928
YIQ	174.4290, 40.0180, 45.6980

Conversions

Conversions Part 2

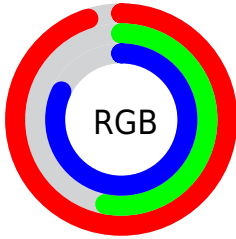
Format	Color
R_{YB}	241, 134, 208
Decimal	15828688
CIE _{Lab}	69.69, 50.29, -20.23
CIE _{LCh}	70, 54.208, 338.090
Yxy	40.3050, 0.3490, 0.2504
Android (android.graphics.Color)	4294018768 (0xFFFF186D0)
YUV	174.4290, 16.5505, 58.3828
Hunter-Lab	63.4862, 46.8733, -15.7897

Details

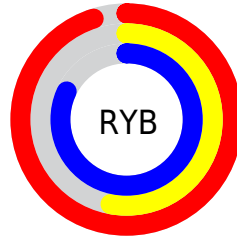
The XYZ color **56.1859, 40.3050, 64.4928** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **48.2637, 70.7703, 47.6785**, and the grayscale version is **40.3569, 42.4587, 46.2375**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **28.1469, 18.1045, 32.1480** is the 20% darker color. If you saturate the color by 10%, you get **52.3336, 34.0292, 58.8020**, and if you desaturate by 10%, it is **60.8425, 48.1195, 70.6639**.

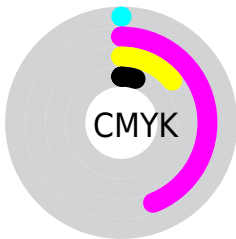
Distribution



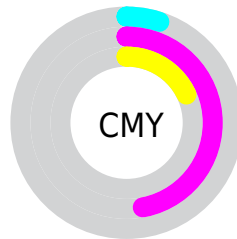
- Red (95%)
- Green (53%)
- Blue (82%)



- Red (95%)
- Yellow (53%)
- Blue (82%)



- Cyan (0%)
- Magenta (44%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1859, 40.3050, 64.4928 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 56.1859, 40.3050, 64.4928 by changing the saturation by 10% instead.


 56.1859, 40.3050,
64.4928


 56.1859, 40.3050,
64.4928


400.4554,
347.4074, 459.2233


 40.5896, 27.7764,
46.6012


 98.4146, 75.6277,
112.9266

 28.1848, 18.1572,
32.3684


 125.7776, 99.1907,
144.3059

 18.6062, 11.0629,
21.3759


 157.7936,
127.2005, 181.0182

 11.4884, 6.1092,
13.2051

194.8279,
160.0417, 223.4820

 6.4660, 2.9116,
7.4376

237.2459,
198.0986, 272.1159

 3.1738, 1.0857,
3.6547

285.4129,

 1.2463, 0.0000,

241.7556, 327.3384

1.4379

339.6943,
291.3971, 389.5680

■ 0.1425, 0.0000,
0.1710

■ 0.0000, 0.0000,
0.0000

■ 56.1859, 40.3050,
64.4928

■ 56.1859, 40.3050,
64.4928

■ 52.3336, 34.0292,
58.8020

■ 60.8425, 48.1195,
70.6639

■ 49.2289, 29.1818,
53.5688

■ 66.3475, 57.5619,
77.3317

■ 46.8138, 25.6467,
48.7710

■ 72.7462, 68.7212,
84.5145

■ 45.0194, 23.2872,
44.3829

■ 80.0795, 81.6784,
92.2285

■ 43.7614, 21.9359,
40.3733

■ 88.3856, 96.5092,
100.4892

■ 43.2205, 21.4788,
38.2671

■ 89.7019, 97.2873,
106.6450

■ 90.0860, 97.4409,
108.6677

Harmonies

Analogous

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



49.6850, 40.3050, 93.9434



56.1859, 40.3050, 64.4928



57.5530, 40.3050, 37.4323

Triad

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



56.1859, 40.3050, 64.4928



35.9837, 40.3050, 11.3284



26.5074, 40.3050, 80.9410

Complementary

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



56.1859, 40.3050, 64.4928



48.2637, 70.7703, 47.6785

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.



23.9178, 40.3050, 51.0403



56.1859, 40.3050, 64.4928



28.8167, 40.3050, 15.7874

Square

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



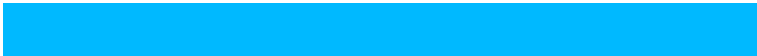
56.1859, 40.3050, 64.4928



44.9541, 40.3050, 12.5925



24.6935, 40.3050, 28.2143



32.3528, 40.3050, 105.6931

Rectangle

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



56.1859, 40.3050, 64.4928



55.1998, 40.3050, 24.8427



24.6935, 40.3050, 28.2143



25.2713, 40.3050, 70.7875

Sweetspot

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



56.1871, 40.3069, 64.4936



83.7686, 80.0018, 97.2335



40.1510, 31.5211, 87.1879



17.5592, 16.4724, 20.4101



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.



56.1871, 40.3069, 64.4936



59.9888, 39.4770, 67.6193



50.7524, 38.1330, 35.8744



16.2346, 15.9436, 18.7916



23.5005, 11.6726, 21.0838



1.9993, 0.9888, 1.9874

Inverse Universe

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



56.1871, 40.3069, 64.4936



59.9888, 39.4770, 67.6193



54.1537, 73.1262, 78.6947



16.2346, 15.9436, 18.7916



23.5005, 11.6726, 21.0838



1.9993, 0.9888, 1.9874

Previews

White Background



This preview shows how the XYZ color 56.1859, 40.3050, 64.4928 looks on a white background.

Color Contrast Check

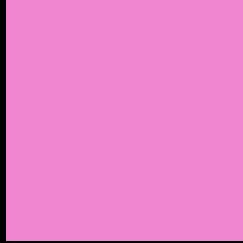
Large Text (above 18pt) WCAG AA × Fail

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 56.1859, 40.3050, 64.4928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

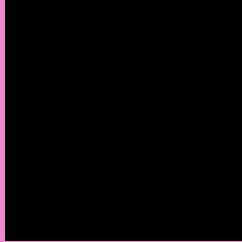
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1859, 40.3050, 64.4928

Background



This preview shows how black text looks on a background with the XYZ color 56.1859, 40.3050, 64.4928.



This preview shows how white text looks on a background with the XYZ color 56.1859, 40.3050,

64.4928.

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

56.1859, 40.3050, 64.4928

Protanopia

41.6595, 40.5639, 82.7247

Deuteranopia

41.4926, 40.6724, 61.5408



Tritanopia

50.3871, 40.3133, 36.5780

Trichromacy



Original Color

56.1859, 40.3050, 64.4928



Protanomaly

45.1102, 39.3491, 75.7386



Deuteranomaly

45.6464, 39.6726, 62.3785



Tritanomaly

52.1878, 40.1494, 45.5565

Monochromacy



Original Color

56.1859, 40.3050, 64.4928



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.5498, 40.3472, 51.8941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1859, 40.3050, 64.4928 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(241, 134, 208)` looks like.

```
.text, #text, p{  
    color:rgb(241, 134, 208)  
}
```

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(241, 134, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 134, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.1859, 40.3050, 64.4928 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(241, 134, 208) }
```


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

```
.border{ border-color:rgb(241, 134, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 134, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 134, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 134, 208);  
box-shadow:4px 4px 4px 4px rgb(241, 134,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1859, 40.3050, 64.4928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 134, 208) }
```

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

```
.background{ background-color: rgb(241,  
134, 208) }
```

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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