

Converting Colors

XYZ(56.1392, 36.6320, 53.1851)

Have a look what the booklet for
XYZ(56.1392, 36.6320, 53.1851)
contains.

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Color

**XYZ(56.1821, 36.6427,
53.4018)**

Conversions

Conversions Part 1

Format	Color
Hex	FE71BF
RGB	254, 113, 191
RGB Percent	100%, 44%, 75%
CMY	0.0039, 0.5568, 0.2510
CMYK	0.00, 0.56, 0.25, 0.00
HSL	327°, 99%, 72%
HSV	327°, 56%, 100%
XYZ	56.1821, 36.6427, 53.4018
YIQ	164.0510, 58.9980, 54.1500

Conversions

Conversions Part 2

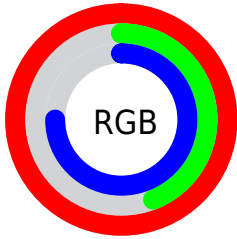
Format	Color
RYB	254, 113, 191
Decimal	16675263
CIELab	67.01, 61.83, -14.61
CIELCh	67, 63.529, 346.708
Yxy	36.6427, 0.3842, 0.2506
Android (android.graphics.Color)	4294865343 (0xFFFE71BF)
YUV	164.0510, 13.2859, 78.8853
Hunter-Lab	60.5332, 59.7363, -9.9318

Details

The XYZ color **56.1821, 36.6427, 53.4018** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.0902, 77.5299, 53.4030**, and the grayscale version is **35.2314, 37.0662, 40.3651**.

A 20% lighter version of the original color is **72.4032, 56.7249, 95.1286**, and **28.2018, 16.0367, 25.6537** is the 20% darker color. If you saturate the color by 10%, you get **52.5335, 31.2672, 46.2603**, and if you desaturate by 10%, it is **60.7225, 43.6460, 61.3188**.

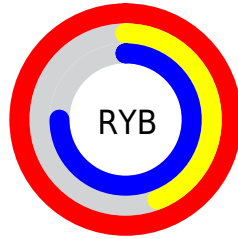
Distribution



Red (100%)

Green (44%)

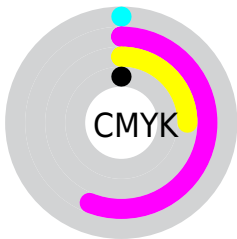
Blue (75%)



Red (100%)

Yellow (44%)

Blue (75%)

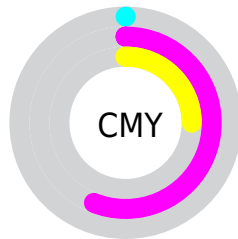


Cyan (0%)

Magenta (56%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1821, 36.6427, 53.4018 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 56.1821, 36.6427, 53.4018 by changing the saturation by 10% instead.


 56.1821, 36.6427,
53.4018


 56.1821, 36.6427,
53.4018

400.4413,
331.7610, 416.9347


 40.5865, 24.9310,
37.7337


 98.4090, 70.0229,
96.6429

 28.1824, 16.0256,
25.4758

 125.7711, 92.4602,
125.0529

 18.6043, 9.5423,
16.2097


 157.7861,
119.2414, 158.5474

 11.4870, 5.0966,
9.5167

194.8192,
150.7510, 197.5448

 6.4651, 2.3040,
4.9783

237.2360,
187.3734, 242.4637

 3.1732, 0.7758,
2.1760

285.4017,

 1.2460, 0.0000,

229.4929, 293.7226

0.6605

339.6817,
277.4940, 351.7401

■ 0.1423, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1821, 36.6427,
53.4018

■ 56.1821, 36.6427,
53.4018

■ 52.5335, 31.2672,
46.2603

■ 60.7225, 43.6460,
61.3188

■ 49.7031, 27.3772,
39.8580

■ 66.2135, 52.3928,
70.0404

■ 47.6105, 24.8148,
34.1572

■ 72.7128, 62.9946,
79.5961

■ 46.1550, 23.3827,
29.1130

■ 80.2722, 75.5517,
90.0130

■ 45.6441, 22.9793,
27.0364

■ 88.9398, 90.1575,
101.3167

94.6831, 99.8109,
108.8828

Harmonies

Analogous

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



50.1514, 36.6427, 88.5444



56.1821, 36.6427, 53.4018



55.7892, 36.6427, 26.4890

Triad

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



56.1821, 36.6427, 53.4018



29.7618, 36.6427, 7.5790



23.5926, 36.6427, 92.4107

Complementary

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



56.1821, 36.6427, 53.4018



50.0902, 77.5299, 53.4030

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.



19.9097, 36.6427, 57.2051



56.1821, 36.6427, 53.4018



22.9945, 36.6427, 13.4295

Square

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



56.1821, 36.6427, 53.4018



39.2694, 36.6427, 7.3112



19.7132, 36.6427, 28.8867



30.7344, 36.6427, 117.1594

Rectangle

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



56.1821, 36.6427, 53.4018



51.9180, 36.6427, 15.8205



19.7132, 36.6427, 28.8867



21.9717, 36.6427, 80.8280

Sweetspot

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



56.1832, 36.6445, 53.4025



79.7827, 74.2068, 89.1936



41.2743, 27.9785, 96.9911



16.7370, 15.3167, 18.6296



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.



56.1832, 36.6445, 53.4025



52.5242, 30.8649, 45.6564



50.3173, 34.2982, 22.5132



18.4300, 18.1553, 20.8814



24.1396, 12.1451, 14.6514



2.4054, 1.2046, 1.7165

Inverse Universe

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



56.1832, 36.6445, 53.4025



52.5242, 30.8649, 45.6564



58.6735, 80.9632, 98.6020



18.4300, 18.1553, 20.8814



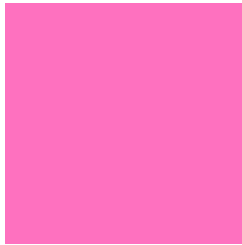
24.1396, 12.1451, 14.6514



2.4054, 1.2046, 1.7165

Previews

White Background



This preview shows how the XYZ color 56.1821, 36.6427, 53.4018 looks on a white background.

Color Contrast Check

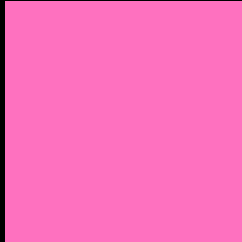
Large Text (above 18pt) WCAG AA × Fail

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 56.1821, 36.6427, 53.4018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

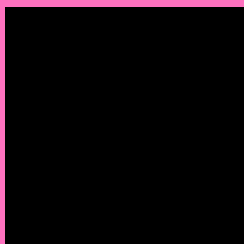
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1821, 36.6427, 53.4018

Background



This preview shows how black text looks on a background with the XYZ color 56.1821, 36.6427, 53.4018.



This preview shows how white text looks on a background with the XYZ color 56.1821, 36.6427,

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

56.1821, 36.6427, 53.4018

Protanopia

38.0125, 36.9457, 76.3619

Deuteranopia

37.6274, 36.8030, 50.4679



Tritanopia

50.7036, 36.5282, 26.9325

Trichromacy



Original Color

56.1821, 36.6427, 53.4018



Protanomaly

41.9911, 35.0649, 67.5058



Deuteranomaly

42.7300, 35.3514, 51.5851



Tritanomaly

52.5374, 36.5505, 35.2963

Monochromacy



Original Color

56.1821, 36.6427, 53.4018



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

40.7913, 35.1771, 44.6843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1821, 36.6427, 53.4018 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, 113, 191)` looks like.

```
.text, #text, p{  
    color:rgb(254, 113, 191)  
}
```

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, 113, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 113, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.1821, 36.6427, 53.4018 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, 113, 191) }
```


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

```
.border{ border-color:rgb(254, 113, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 113, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 113, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 113, 191);  
box-shadow:4px 4px 4px 4px rgb(254, 113,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1821, 36.6427, 53.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 113, 191) }
```

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

```
.background{ background-color: rgb(254,  
113, 191) }
```

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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