

Converting Colors

XYZ(55.5246, 36.5747, 56.3792)

Have a look what the booklet for
XYZ(55.5246, 36.5747, 56.3792)
contains.

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Color

**XYZ(55.5189, 36.5710,
56.3573)**

Conversions

Conversions Part 1

Format	Color
Hex	FA73C4
RGB	250, 115, 196
RGB Percent	98%, 45%, 77%
CMY	0.0196, 0.5490, 0.2314
CMYK	0.00, 0.54, 0.22, 0.02
HSL	324°, 93%, 72%
HSV	324°, 54%, 98%
XYZ	55.5189, 36.5710, 56.3573
YIQ	164.5990, 54.4590, 53.8110

Conversions

Conversions Part 2

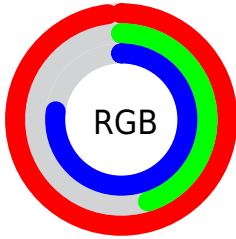
Format	Color
R _Y B	250, 115, 196
Decimal	16413636
CIE Lab	66.95, 60.40, -17.56
CIE LCh	67, 62.902, 343.793
Yxy	36.5710, 0.3740, 0.2464
Android (android.graphics.Color)	4294603716 (0xFFFA73C4)
YUV	164.5990, 15.4807, 74.8967
Hunter-Lab	60.4740, 58.0448, -12.9222

Details

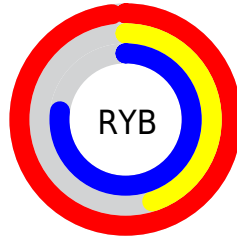
The XYZ color **55.5189, 36.5710, 56.3573** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.4191, 74.8818, 49.4413**, and the grayscale version is **35.4837, 37.3316, 40.6541**.

A 20% lighter version of the original color is **73.5325, 57.4777, 100.1472**, and **27.6307, 15.9263, 27.2090** is the 20% darker color. If you saturate the color by 10%, you get **51.9443, 31.1828, 49.7356**, and if you desaturate by 10%, it is **59.9444, 43.5387, 63.6377**.

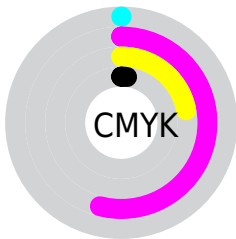
Distribution



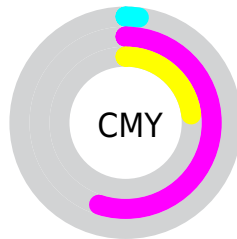
- Red (98%)
- Green (45%)
- Blue (77%)



- Red (98%)
- Yellow (45%)
- Blue (77%)



- Cyan (0%)
- Magenta (54%)
- Yellow (22%)
- Black (2%)




- Cyan (2%)
- Magenta (55%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5189, 36.5710, 56.3573 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 55.5189, 36.5710, 56.3573 by changing the saturation by 10% instead.


 55.5189, 36.5710,
56.3573


 55.5189, 36.5710,
56.3573

397.9804,
331.4494, 428.4627


 40.0528, 24.8755,
40.0835

 97.4447, 69.9125,
101.0178

 27.7641, 15.9843,
27.2894


 124.6351, 92.3273,
130.2416

 18.2875, 9.5131,
17.5563


 156.4644,
119.0839, 164.6192

 11.2575, 5.0773,
10.4658

193.2978,
150.5669, 204.5691

 6.3089, 2.2927,
5.5993

235.5008,
187.1605, 250.5099

 3.0762, 0.7698,
2.5382

283.4386,

 1.1942, 0.0000,

229.2492, 302.8601

0.8603

337.4767,
277.2174, 362.0382

■ 0.1018, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5189, 36.5710,
56.3573

■ 55.5189, 36.5710,
56.3573

■ 51.9443, 31.1828,
49.7356

■ 59.9444, 43.5387,
63.6377

■ 49.1517, 27.2401,
43.7414

■ 65.2759, 52.1950,
71.6011

■ 47.0664, 24.5953,
38.3427

■ 71.5674, 62.6454,
80.2729

■ 45.5961, 23.0662,
33.5009

■ 78.8676, 74.9851,
89.6758

■ 44.9292, 22.5260,
30.8322

■ 87.2219, 89.3028,
99.8314

■ 93.2346, 99.0641,
108.8150

Harmonies

Analogous

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



49.0637, 36.5710, 91.0583



55.5189, 36.5710, 56.3573



55.7927, 36.5710, 28.5612

Triad

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



55.5189, 36.5710, 56.3573



30.5669, 36.5710, 7.4866



23.1279, 36.5710, 88.3684

Complementary

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



55.5189, 36.5710, 56.3573



48.4191, 74.8818, 49.4413

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.



19.8142, 36.5710, 53.7048



55.5189, 36.5710, 56.3573



23.5469, 36.5710, 12.6608

Square

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



55.5189, 36.5710, 56.3573



40.1354, 36.5710, 7.6762



19.9521, 36.5710, 26.8820



29.8867, 36.5710, 114.5760

Rectangle

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



55.5189, 36.5710, 56.3573



52.3427, 36.5710, 17.1633



19.9521, 36.5710, 26.8820



21.6343, 36.5710, 76.7719

Sweetspot

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



55.5200, 36.5728, 56.3580



80.8698, 75.6675, 91.7561



39.7502, 27.6008, 93.6754



16.9634, 15.6093, 19.1991



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.



55.5200, 36.5728, 56.3580



53.9856, 32.1074, 51.3237



49.4858, 34.1591, 24.5825



17.6819, 17.4001, 20.1806



23.9048, 11.9776, 16.7387



2.2663, 1.1303, 1.8259

Inverse Universe

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



55.5200, 36.5728, 56.3580



53.9856, 32.1074, 51.3237



56.4703, 78.1022, 91.8382



17.6819, 17.4001, 20.1806



23.9048, 11.9776, 16.7387



2.2663, 1.1303, 1.8259

Previews

White Background



This preview shows how the XYZ color 55.5189, 36.5710, 56.3573 looks on a white background.

Color Contrast Check

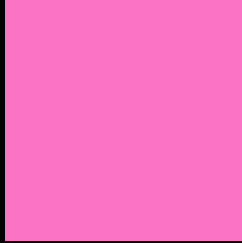
Large Text (above 18pt) WCAG AA × Fail

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 55.5189, 36.5710, 56.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

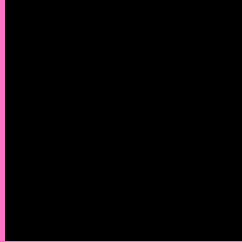
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5189, 36.5710, 56.3573

Background



This preview shows how black text looks on a background with the XYZ color 55.5189, 36.5710, 56.3573.



This preview shows how white text looks on a background with the XYZ color 55.5189, 36.5710,

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

55.5189, 36.5710, 56.3573

Protanopia

38.0431, 36.8977, 79.2456

Deuteranopia

37.5198, 36.6859, 53.2477



Tritanopia

49.5428, 36.4776, 28.0966

Trichromacy



Original Color

55.5189, 36.5710, 56.3573



Protanomaly

41.5537, 34.7800, 70.1687



Deuteranomaly

42.3628, 35.3210, 54.4540



Tritanomaly

51.2605, 36.2274, 36.6386

Monochromacy



Original Color

55.5189, 36.5710, 56.3573



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

41.0351, 35.7378, 45.8096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5189, 36.5710, 56.3573 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(250, 115, 196)` looks like.

```
.text, #text, p{  
    color:rgb(250, 115, 196)  
}
```

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(250, 115, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 115, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.5189, 36.5710, 56.3573 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(250, 115, 196) }
```


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

```
.border{ border-color:rgb(250, 115, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 115, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 115, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 115, 196); box-shadow:4px 4px 4px 4px rgb(250, 115, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5189, 36.5710, 56.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 115, 196) }
```

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

```
.background{ background-color: rgb(250,  
115, 196) }
```

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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