

Converting Colors

XYZ(55.6916, 35.6292, 65.5699)

Have a look what the booklet for
XYZ(55.6916, 35.6292, 65.5699)
contains.

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Color

**XYZ(55.6916, 35.6292,
65.5699)**

Conversions

Conversions Part 1

Format	Color
Hex	F76ED3
RGB	247, 110, 211
RGB Percent	97%, 43%, 83%
CMY	0.0314, 0.5686, 0.1725
CMYK	0.00, 0.55, 0.15, 0.03
HSL	316°, 90%, 70%
HSV	316°, 55%, 97%
XYZ	55.6916, 35.6292, 65.5699
YIQ	162.4770, 49.2310, 60.4550

Conversions

Conversions Part 2

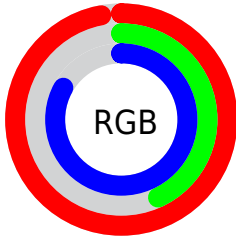
Format	Color
R _Y B	247, 110, 211
Decimal	16215763
CIE Lab	66.24, 63.93, -27.11
CIE LCh	66, 69.441, 337.023
Yxy	35.6292, 0.3550, 0.2271
Android (android.graphics.Color)	4294405843 (0xFFFF76ED3)
YUV	162.4770, 23.9218, 74.1267
Hunter-Lab	59.6902, 62.0846, -23.3471

Details

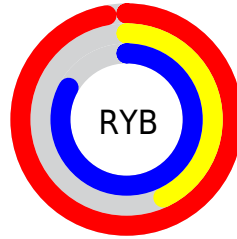
The XYZ color **55.6916, 35.6292, 65.5699** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **44.8812, 71.9131, 38.7123**, and the grayscale version is **34.4428, 36.2365, 39.4615**.

A 20% lighter version of the original color is **73.1087, 56.1174, 101.5862**, and **27.9236, 15.4593, 32.9647** is the 20% darker color. If you saturate the color by 10%, you get **52.5912, 30.7039, 60.6025**, and if you desaturate by 10%, it is **59.5697, 42.0561, 70.9593**.

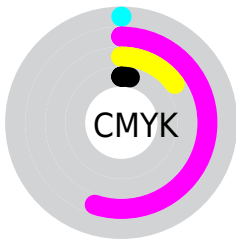
Distribution



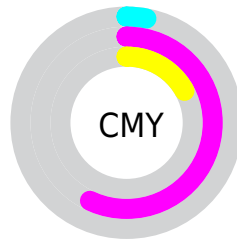
- Red (97%)
- Green (43%)
- Blue (83%)



- Red (97%)
- Yellow (43%)
- Blue (83%)



- Cyan (0%)
- Magenta (55%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (57%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6916, 35.6292, 65.5699 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 55.6916, 35.6292, 65.5699 by changing the saturation by 10% instead.


 55.6916, 35.6292,
65.5699


 55.6916, 35.6292,
65.5699

398.6221,
327.3369, 463.1993


 40.1917, 24.1480,
47.4691

 97.6959, 68.4594,
114.4899

 27.8730, 15.4434,
33.0496


 124.9312, 90.5771,
146.1462

 18.3699, 9.1312,
21.8930


 156.8088,
117.0091, 183.1580

 11.3172, 4.8268,
13.5808

193.6944,
148.1397, 225.9439

 6.3494, 2.1460,
7.6943

235.9531,
184.3534, 274.9224

 3.1014, 0.6903,
3.8150

283.9504,

 1.2076, 0.0000,

226.0346, 330.5121

1.5244

338.0516,
273.5676, 393.1316

■ 0.1124, 0.0000,
0.2360

■ 0.0000, 0.0000,
0.0000

■ 55.6916, 35.6292,
65.5699

■ 55.6916, 35.6292,
65.5699

■ 52.5912, 30.7039,
60.6025

■ 59.5697, 42.0561,
70.9593

■ 50.2012, 27.1481,
56.0318


■ 64.2786, 50.0918,
76.7894


■ 48.4484, 24.8153,
51.8318


■ 69.8704, 59.8398,
83.0795


■ 47.2410, 23.5228,
47.9700

■ 76.3922, 71.3932,
89.8473

 46.8111, 23.1555,
46.3082

 83.8874, 84.8386,
97.1089

 91.3649, 98.1931,
104.5357

 92.1681, 98.5143,
108.7651

Harmonies

Analogous

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



47.3177, 35.6292, 104.4166



55.6916, 35.6292, 65.5699



57.7075, 35.6292, 32.2341

Triad

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



55.6916, 35.6292, 65.5699



31.4889, 35.6292, 5.2654



20.3301, 35.6292, 84.2318

Complementary

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



55.6916, 35.6292, 65.5699



44.8812, 71.9131, 38.7123

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.



17.7030, 35.6292, 46.1888



55.6916, 35.6292, 65.5699



23.2385, 35.6292, 8.7613

Square

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



55.6916, 35.6292, 65.5699



42.2431, 35.6292, 6.4226



18.6471, 35.6292, 20.5264



26.6742, 35.6292, 118.4901

Rectangle

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



55.6916, 35.6292, 65.5699



54.8684, 35.6292, 18.2319



18.6471, 35.6292, 20.5264



19.0489, 35.6292, 70.8818

Sweetspot

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



55.6927, 35.6309, 65.5706



80.9658, 74.6800, 95.4237



33.9116, 23.8212, 90.8070



17.0173, 15.4288, 20.1057



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.



55.6927, 35.6309, 65.5706



56.0677, 32.2822, 64.3160



48.9884, 32.9492, 30.2660



17.0168, 16.6896, 19.8351



24.8182, 12.2707, 24.8147



2.2234, 1.0953, 2.4026

Inverse Universe

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



55.6927, 35.6309, 65.5706



56.0677, 32.2822, 64.3160



51.6712, 74.6291, 74.4677



17.0168, 16.6896, 19.8351



24.8182, 12.2707, 24.8147



2.2234, 1.0953, 2.4026

Previews

White Background



This preview shows how the XYZ color 55.6916, 35.6292, 65.5699 looks on a white background.

Color Contrast Check

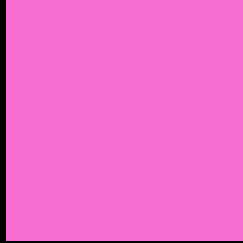
Large Text (above 18pt) WCAG AA × Fail

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 55.6916, 35.6292, 65.5699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

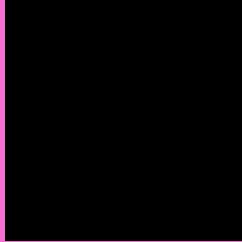
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6916, 35.6292, 65.5699

Background



This preview shows how black text looks on a background with the XYZ color 55.6916, 35.6292, 65.5699.



This preview shows how white text looks on a background with the XYZ color 55.6916, 35.6292,

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

55.6916, 35.6292, 65.5699

Protanopia

38.3790, 35.9604, 94.5408

Deuteranopia

36.5239, 35.7341, 61.4723



Tritanopia

47.8311, 35.5952, 28.0165

Trichromacy



Original Color

55.6916, 35.6292, 65.5699



Protanomaly

41.5335, 33.8186, 82.9358



Deuteranomaly

41.4045, 34.1974, 62.8110



Tritanomaly

50.1562, 35.2323, 39.2790

Monochromacy



Original Color

55.6916, 35.6292, 65.5699



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

40.0530, 34.2777, 47.6852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6916, 35.6292, 65.5699 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(247, 110, 211)` looks like.

```
.text, #text, p{  
    color:rgb(247, 110, 211)  
}
```

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(247, 110, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 110, 211) }
```

Border

The CSS property to change the border of an element to XYZ 55.6916, 35.6292, 65.5699 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(247, 110, 211) }
```


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

```
.border{ border-color:rgb(247, 110, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 110, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 110, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 110, 211);  
box-shadow:4px 4px 4px 4px rgb(247, 110,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6916, 35.6292, 65.5699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 110, 211) }
```

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

```
.background{ background-color: rgb(247,  
110, 211) }
```

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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