

Converting Colors

XYZ(55.3280, 33.7140, 68.5094)

Have a look what the booklet for
XYZ(55.3280, 33.7140, 68.5094)
contains.

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Color

**XYZ(55.2143, 33.6557,
68.5518)**

Conversions

Conversions Part 1

Format	Color
Hex	F763D8
RGB	247, 99, 216
RGB Percent	97%, 39%, 85%
CMY	0.0314, 0.6117, 0.1529
CMYK	0.00, 0.60, 0.13, 0.03
HSL	313°, 90%, 68%
HSV	313°, 60%, 97%
XYZ	55.2143, 33.6557, 68.5518
YIQ	156.5900, 50.6510, 67.7630

Conversions

Conversions Part 2

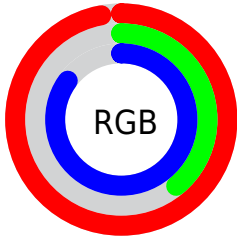
Format	Color
R _Y B	247, 99, 216
Decimal	16212952
CIE Lab	64.69, 69.40, -32.30
CIE LCh	65, 76.549, 335.044
Yxy	33.6557, 0.3507, 0.2138
Android (android.graphics.Color)	4294403032 (0xFFFF763D8)
YUV	156.5900, 29.2891, 79.2896
Hunter-Lab	58.0135, 68.3634, -29.4507

Details

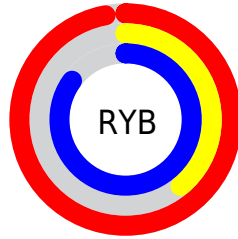
The XYZ color **55.2143, 33.6557, 68.5518** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **42.4373, 70.7872, 32.5485**, and the grayscale version is **31.7222, 33.3742, 36.3445**.

A 20% lighter version of the original color is **71.3470, 52.5939, 100.9990**, and **27.4986, 14.2821, 35.0256** is the 20% darker color. If you saturate the color by 10%, you get **52.5636, 29.4075, 64.4199**, and if you desaturate by 10%, it is **58.6036, 39.3462, 73.0344**.

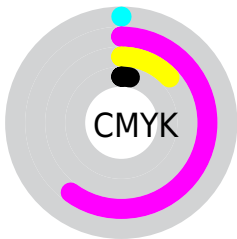
Distribution



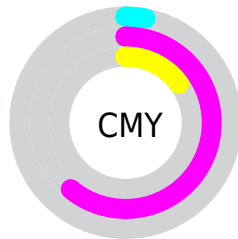
- Red (97%)
- Green (39%)
- Blue (85%)



- Red (97%)
- Yellow (39%)
- Blue (85%)



- Cyan (0%)
- Magenta (60%)
- Yellow (13%)
- Black (3%)




- Cyan (3%)
- Magenta (61%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2143, 33.6557, 68.5518 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 55.2143, 33.6557, 68.5518 by changing the saturation by 10% instead.


 55.2143, 33.6557,
68.5518


 55.2143, 33.6557,
68.5518

396.8470,
318.5941, 474.0996


 39.8078, 22.6292,
49.8773

 97.0014, 65.3979,
118.8029


 27.5723, 14.3200,
34.9454


 124.1127, 86.8824,
151.2165

 18.1423, 8.3435,
23.3376


 155.8563,
112.6217, 189.0469

 11.1525, 4.3156,
14.6354

 192.5977,
143.0002, 232.7126

 6.2376, 1.8516,
8.4201

234.7020,
178.4023, 282.6322

 3.0321, 0.5190,
4.2733

282.5348,

 1.1708, 0.0000,

219.2124, 339.2242

1.7764

336.4613,
265.8149, 402.9072

■ 0.0831, 0.0000,
0.4124

■ 0.0000, 0.0000,
0.0000

■ 55.2143, 33.6557,
68.5518

■ 55.2143, 33.6557,
68.5518

■ 52.5636, 29.4075,
64.4199

■ 58.6036, 39.3462,
73.0344

■ 50.5804, 26.4615,
60.6132


■ 62.7874, 46.5924,
77.8865


■ 49.1852, 24.6582,
57.1045

■ 67.8201, 55.5019,
83.1272

■ 48.2452, 23.7328,
53.8486


■ 73.7501, 66.1714,
88.7737

 48.2381, 23.7263,
53.8220

 80.6221, 78.6901,
94.8419

 88.4779, 93.1413,
101.3464

 91.7235, 98.3365,
106.4235

 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.



45.7147, 33.6557, 111.8317



55.2143, 33.6557, 68.5518



57.9791, 33.6557, 31.5797

Triad

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



55.2143, 33.6557, 68.5518



30.1673, 33.6557, 3.3814



17.6249, 33.6557, 83.5112

Complementary

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



55.2143, 33.6557, 68.5518



42.4373, 70.7872, 32.5485

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.



15.2243, 33.6557, 42.2257



55.2143, 33.6557, 68.5518



21.3285, 33.6557, 6.0805

Square

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



55.2143, 33.6557, 68.5518



41.7537, 33.6557, 4.6117



16.4059, 33.6557, 16.5895



23.8789, 33.6557, 123.3996

Rectangle

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



55.2143, 33.6557, 68.5518



55.1944, 33.6557, 16.5395



16.4059, 33.6557, 16.5895



16.4148, 33.6557, 68.6807

Sweetspot

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



55.2154, 33.6573, 68.5525



80.6053, 73.5261, 96.6385



30.2447, 20.2769, 90.3163



16.8213, 14.9555, 20.2907



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.



55.2154, 33.6573, 68.5525



55.9835, 30.8034, 68.3280



47.8094, 30.6949, 29.5528



17.0562, 16.7053, 20.0427



25.5649, 12.5694, 28.7470



2.2833, 1.1193, 2.7183

Inverse Universe

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



55.2154, 33.6573, 68.5525



55.9835, 30.8034, 68.3280



49.1397, 73.4681, 67.8430



17.0562, 16.7053, 20.0427



25.5649, 12.5694, 28.7470



2.2833, 1.1193, 2.7183

Previews

White Background



This preview shows how the XYZ color 55.2143, 33.6557, 68.5518 looks on a white background.

Color Contrast Check

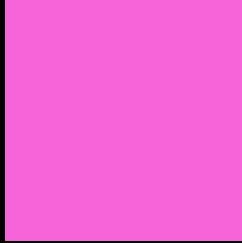
Large Text (above 18pt) WCAG AA × Fail

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 55.2143, 33.6557, 68.5518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

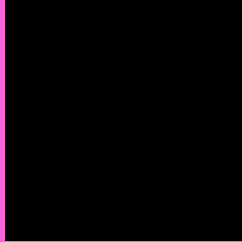
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2143, 33.6557, 68.5518

Background



This preview shows how black text looks on a background with the XYZ color 55.2143, 33.6557, 68.5518.



This preview shows how white text looks on a background with the XYZ color 55.2143, 33.6557,

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

55.2143, 33.6557, 68.5518

Protanopia

36.9417, 34.1131, 99.2452

Deuteranopia

34.6609, 33.9674, 63.7610



Tritanopia

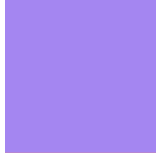
46.1265, 33.4636, 25.1471

Trichromacy



Original Color

55.2143, 33.6557, 68.5518



Protanomaly

39.7121, 31.2936, 87.1663



Deuteranomaly

39.5882, 31.9262, 65.0486



Tritanomaly

48.6138, 33.0842, 37.5419

Monochromacy



Original Color

55.2143, 33.6557, 68.5518



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

38.0752, 31.7698, 46.2449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2143, 33.6557, 68.5518 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, 99, 216)` looks like.

```
.text, #text, p{  
    color:rgb(247, 99, 216)  
}
```

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, 99, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 99, 216) }
```

Border

The CSS property to change the border of an element to XYZ 55.2143, 33.6557, 68.5518 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, 99, 216) }
```


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

```
.border{ border-color:rgb(247, 99, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 99, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 99, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 99, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 99,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2143, 33.6557, 68.5518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 99, 216) }
```

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

```
.background{ background-color: rgb(247, 99,  
216) }
```

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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