

Converting Colors

XYZ(54.3684, 34.0472, 67.6807)

Have a look what the booklet for
XYZ(54.3684, 34.0472, 67.6807)
contains.

XYZ(54.6255, 34.2425, 68.0204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.6255, 34.2425,
68.0204)**

Conversions

Conversions Part 1

Format	Color
Hex	F469D7
RGB	244, 105, 215
RGB Percent	96%, 41%, 84%
CMY	0.0431, 0.5882, 0.1569
CMYK	0.00, 0.57, 0.12, 0.04
HSL	313°, 86%, 68%
HSV	313°, 57%, 96%
XYZ	54.6255, 34.2425, 68.0204
YIQ	159.1010, 47.5340, 63.6780

Conversions

Conversions Part 2

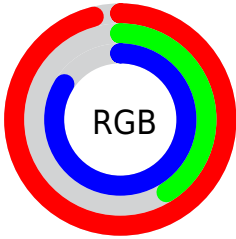
Format	Color
RYB	244, 105, 215
Decimal	16017879
CIELab	65.15, 65.90, -31.05
CIELCh	65, 72.852, 334.773
Yxy	34.2425, 0.3482, 0.2183
Android (android.graphics.Color)	4294207959 (0xFFFF469D7)
YUV	159.1010, 27.5582, 74.4564
Hunter-Lab	58.5171, 64.2242, -27.9569

Details

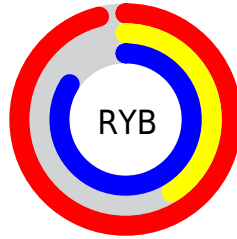
The XYZ color **54.6255, 34.2425, 68.0204** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **42.4810, 69.4270, 33.7186**, and the grayscale version is **32.8649, 34.5764, 37.6537**.

A 20% lighter version of the original color is **72.2103, 54.3207, 101.2868**, and **27.2534, 14.6537, 34.6497** is the 20% darker color. If you saturate the color by 10%, you get **51.8434, 29.7085, 63.9157**, and if you desaturate by 10%, it is **58.1429, 40.2134, 72.4713**.

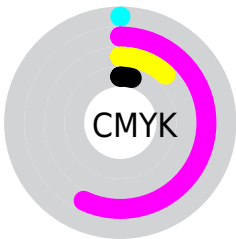
Distribution



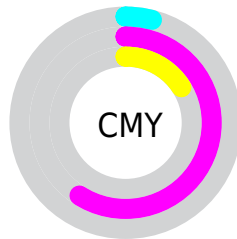
- Red (96%)
- Green (41%)
- Blue (84%)



- Red (96%)
- Yellow (41%)
- Blue (84%)



- Cyan (0%)
- Magenta (57%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (59%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6255, 34.2425, 68.0204 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 54.6255, 34.2425, 68.0204 by changing the saturation by 10% instead.

 54.6255, 34.2425,
68.0204


 54.6255, 34.2425,
68.0204

394.6503,
321.2120, 472.1683


 39.3346, 23.0800,
49.4475


 96.1436, 66.3106,
118.0358


 27.2020, 14.6526,
34.6065


 123.1015, 87.9849,
150.3155

 17.8624, 8.5759,
23.0788


 154.6791,
113.9320, 188.0011

 10.9503, 4.4656,
14.4459

 191.2417,
144.5362, 231.5113

 6.1005, 1.9373,
8.2891

233.1549,
180.1819, 281.2646

 2.9475, 0.5706,
4.1901

280.7838,

 1.1261, 0.0000,

221.2535, 337.6795

1.7302

334.4938,
268.1354, 401.1745

■ 0.0468, 0.0000,
0.3813

■ 0.0000, 0.0000,
0.0000

■ 54.6255, 34.2425,
68.0204

■ 54.6255, 34.2425,
68.0204

■ 51.8434, 29.7085,
63.9157

■ 58.1429, 40.2134,
72.4713

■ 49.7303, 26.4807,
60.1332

■ 62.4478, 47.7270,
77.2857

■ 48.2134, 24.4133,
56.6481

■ 67.5915, 56.8851,
82.4819

■ 47.1982, 23.3178,
53.4280

■ 73.6199, 67.7791,
88.0760

46.9444, 23.0876,
52.4878

80.5755, 80.4938,
94.0832

88.4981, 95.1084,
100.5174

90.4239, 97.6954,
105.0584

91.1185, 97.9733,
108.7160

Harmonies

Analogous

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



45.5763, 34.2425, 108.4972



54.6255, 34.2425, 68.0204



57.3076, 34.2425, 32.6449

Triad

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



54.6255, 34.2425, 68.0204



30.8834, 34.2425, 4.1528



18.5376, 34.2425, 81.3387

Complementary

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



54.6255, 34.2425, 68.0204



42.4810, 69.4270, 33.7186

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.



16.1968, 34.2425, 42.3436



54.6255, 34.2425, 68.0204



22.2718, 34.2425, 6.9894

Square

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



54.6255, 34.2425, 68.0204



42.0052, 34.2425, 5.5192



17.3990, 34.2425, 17.5639



24.6263, 34.2425, 118.6782

Rectangle

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



54.6255, 34.2425, 68.0204



54.7215, 34.2425, 17.8178



17.3990, 34.2425, 17.5639



17.3543, 34.2425, 67.3991

Sweetspot

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



54.6266, 34.2441, 68.0211



81.3238, 74.8232, 97.3089



31.0237, 21.6070, 88.1241



17.1024, 15.4629, 20.5540



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.



54.6266, 34.2441, 68.0211



56.9899, 32.3395, 70.1330



47.6041, 31.4351, 31.0411



17.0568, 16.7056, 20.0459



25.5771, 12.5743, 28.8109



2.2843, 1.1197, 2.7234

Inverse Universe

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



54.6266, 34.2441, 68.0211



56.9899, 32.3395, 70.1330



48.8740, 71.9842, 67.3836



17.0568, 16.7056, 20.0459



25.5771, 12.5743, 28.8109



2.2843, 1.1197, 2.7234

Previews

White Background



This preview shows how the XYZ color 54.6255, 34.2425, 68.0204 looks on a white background.

Color Contrast Check

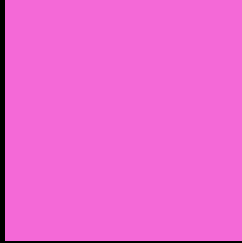
Large Text (above 18pt) WCAG AA × Fail

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 54.6255, 34.2425, 68.0204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

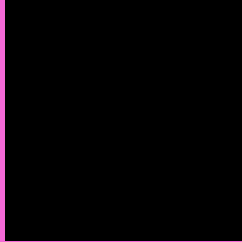
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6255, 34.2425, 68.0204

Background



This preview shows how black text looks on a background with the XYZ color 54.6255, 34.2425, 68.0204.



This preview shows how white text looks on a background with the XYZ color 54.6255, 34.2425,

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

54.6255, 34.2425, 68.0204

Protanopia

37.5171, 34.6558, 99.3196

Deuteranopia

35.3637, 34.5778, 63.8418



Tritanopia

45.8976, 34.0506, 26.7076

Trichromacy



Original Color

54.6255, 34.2425, 68.0204



Protanomaly

40.1909, 32.1819, 86.5315



Deuteranomaly

40.1070, 32.6117, 65.1536



Tritanomaly

48.3492, 33.7784, 38.6219

Monochromacy



Original Color

54.6255, 34.2425, 68.0204



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

38.6045, 32.6671, 46.9185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6255, 34.2425, 68.0204 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(244, 105, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 105, 215)  
}
```

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(244, 105, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 105, 215) }
```

Border

The CSS property to change the border of an element to XYZ 54.6255, 34.2425, 68.0204 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(244, 105, 215) }
```


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

```
.border{ border-color:rgb(244, 105, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 105, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 105, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 105, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 105,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6255, 34.2425, 68.0204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 105, 215) }
```

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

```
.background{ background-color: rgb(244,  
105, 215) }
```

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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