

Converting Colors

XYZ(54.8931, 34.5870, 71.1662)

Have a look what the booklet for
XYZ(54.8931, 34.5870, 71.1662)
contains.

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Color

**XYZ(55.1381, 34.7374,
71.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	F36BDC
RGB	243, 107, 220
RGB Percent	95%, 42%, 86%
CMY	0.0471, 0.5804, 0.1373
CMYK	0.00, 0.56, 0.09, 0.05
HSL	310°, 85%, 69%
HSV	310°, 56%, 95%
XYZ	55.1381, 34.7374, 71.5090
YIQ	160.5460, 44.7830, 63.9750

Conversions

Conversions Part 2

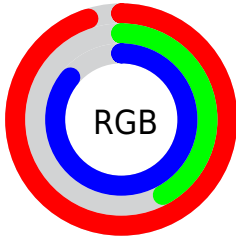
Format	Color
R _Y B	243, 107, 220
Decimal	15952860
CIE Lab	65.54, 65.52, -33.25
CIE LCh	66, 73.478, 333.092
Yxy	34.7374, 0.3417, 0.2152
Android (android.graphics.Color)	4294142940 (0xFFFF36BDC)
YUV	160.5460, 29.3108, 72.3122
Hunter-Lab	58.9384, 63.8481, -30.6786

Details

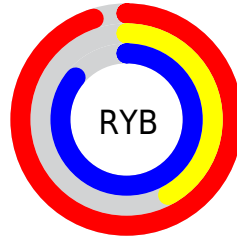
The XYZ color **55.1381, 34.7374, 71.5090** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **42.1449, 68.8399, 32.1879**, and the grayscale version is **33.5213, 35.2670, 38.4058**.

A 20% lighter version of the original color is **72.5655, 55.0309, 101.4052**, and **27.5752, 14.9400, 37.0276** is the 20% darker color. If you saturate the color by 10%, you get **52.4139, 30.1488, 67.9485**, and if you desaturate by 10%, it is **58.5896, 40.7579, 75.3786**.

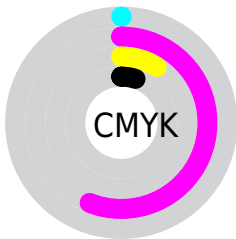
Distribution



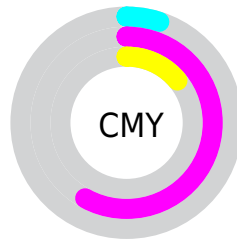
- Red (95%)
- Green (42%)
- Blue (86%)



- Red (95%)
- Yellow (42%)
- Blue (86%)



- Cyan (0%)
- Magenta (56%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1381, 34.7374, 71.5090 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 55.1381, 34.7374, 71.5090 by changing the saturation by 10% instead.


 55.1381, 34.7374,
71.5090


 55.1381, 34.7374,
71.5090


396.5631,
323.4077, 484.7623


 39.7466, 23.4607,
52.2733

 96.8904, 67.0788,
123.0594

 27.5243, 14.9340,
36.8392


 123.9819, 88.9122,
156.2112

 18.1060, 8.7731,
24.7882


 155.7041,
115.0333, 194.8388

 11.1263, 4.5935,
15.7018

 192.4224,
145.8264, 239.3607

 6.2198, 2.0108,
9.1613

234.5020,
181.6761, 290.1955

 3.0211, 0.6137,
4.7483

282.3085,

 1.1649, 0.0000,

222.9665, 347.7616

2.0442

336.2071,
270.0823, 412.4777

■ 0.0784, 0.0000,
0.5823

■ 0.0000, 0.0000,
0.0000

■ 55.1381, 34.7374,
71.5090

■ 55.1381, 34.7374,
71.5090

■ 52.4139, 30.1488,
67.9485

■ 58.5896, 40.7579,
75.3786

■ 50.3522, 26.8646,
64.6741


■ 62.8193, 48.3138,
79.5738

■ 48.8823, 24.7429,
61.6620


■ 67.8775, 57.5049,
84.1120

■ 47.9155, 23.6064,
58.8823

■ 73.8090, 68.4210,
89.0088


 47.6117, 23.3145,
57.8075

 80.6557, 81.1453,
94.2785

 88.4565, 95.7558,
99.9345

 89.7854, 97.4000,
103.5020

 90.4329, 97.6590,
106.9115

 90.7725, 97.7949,
108.6998

Harmonies

Analogous

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



45.6621, 34.7374, 112.4360



55.1381, 34.7374, 71.5090



58.3101, 34.7374, 34.7134

Triad

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



55.1381, 34.7374, 71.5090



31.9124, 34.7374, 4.1342



18.5298, 34.7374, 80.3201

Complementary

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



55.1381, 34.7374, 71.5090



42.1449, 68.8399, 32.1879

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.



16.3561, 34.7374, 41.1133



55.1381, 34.7374, 71.5090



22.9525, 34.7374, 6.7189

Square

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



55.1381, 34.7374, 71.5090



43.3024, 34.7374, 5.7578



17.7802, 34.7374, 16.8326



24.5045, 34.7374, 119.1805

Rectangle

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



55.1381, 34.7374, 71.5090



55.9623, 34.7374, 19.0057



17.7802, 34.7374, 16.8326



17.3973, 34.7374, 66.1761

Sweetspot

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



55.1393, 34.7390, 71.5097



81.5879, 74.9289, 98.6999



30.5920, 21.7079, 87.3725



17.1653, 15.4880, 20.8852



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.



55.1393, 34.7390, 71.5097



58.1638, 33.1207, 75.3540



47.9162, 31.8498, 33.4734



17.0862, 16.7173, 20.2007



26.1746, 12.8133, 31.9575



2.3317, 1.1386, 2.9729

Inverse Universe

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



55.1393, 34.7390, 71.5097



58.1638, 33.1207, 75.3540



48.2701, 71.2900, 64.4428



17.0862, 16.7173, 20.2007



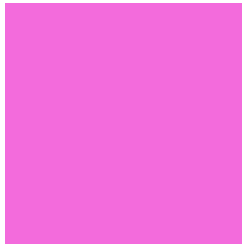
26.1746, 12.8133, 31.9575



2.3317, 1.1386, 2.9729

Previews

White Background



This preview shows how the XYZ color 55.1381, 34.7374, 71.5090 looks on a white background.

Color Contrast Check

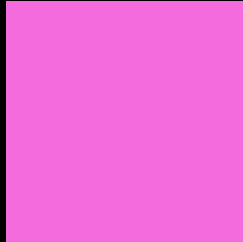
Large Text (above 18pt) WCAG AA × Fail

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 55.1381, 34.7374, 71.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

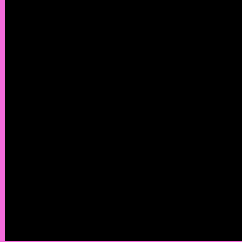
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1381, 34.7374, 71.5090

Background



This preview shows how black text looks on a background with the XYZ color 55.1381, 34.7374, 71.5090.



This preview shows how white text looks on a background with the XYZ color 55.1381, 34.7374,

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

55.1381, 34.7374, 71.5090

Protanopia

37.8236, 35.0619, 99.3818

Deuteranopia

35.7947, 34.9784, 67.1523



Tritanopia

46.1662, 34.7369, 27.9386

Trichromacy



Original Color

55.1381, 34.7374, 71.5090



Protanomaly

40.6325, 32.5871, 88.1528



Deuteranomaly

40.5544, 33.1953, 68.5599



Tritanomaly

48.6166, 34.2275, 40.6034

Monochromacy



Original Color

55.1381, 34.7374, 71.5090



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

39.4542, 33.5035, 48.6433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1381, 34.7374, 71.5090 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(243, 107, 220)` looks like.

```
.text, #text, p{  
    color:rgb(243, 107, 220)  
}
```

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(243, 107, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 107, 220) }
```

Border

The CSS property to change the border of an element to XYZ 55.1381, 34.7374, 71.5090 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(243, 107, 220) }
```


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

```
.border{ border-color:rgb(243, 107, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 107, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 107, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 107, 220);  
box-shadow:4px 4px 4px 4px rgb(243, 107,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1381, 34.7374, 71.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 107, 220) }
```

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

```
.background{ background-color: rgb(243,  
107, 220) }
```

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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