

Converting Colors

XYZ(55.2373, 35.2879, 49.6532)

Have a look what the booklet for
XYZ(55.2373, 35.2879, 49.6532)
contains.

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Color

**XYZ(55.2547, 35.2782,
49.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BB9
RGB	255, 107, 185
RGB Percent	100%, 42%, 73%
CMY	0.0000, 0.5804, 0.2745
CMYK	0.00, 0.58, 0.27, 0.00
HSL	328°, 100%, 71%
HSV	328°, 58%, 100%
XYZ	55.2547, 35.2782, 49.7961
YIQ	160.1440, 63.1700, 55.6340

Conversions

Conversions Part 2

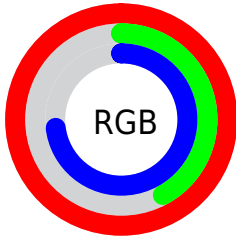
Format	Color
R _Y B	255, 107, 185
Decimal	16739257
CIE Lab	65.96, 64.00, -12.77
CIE LCh	66, 65.264, 348.715
Yxy	35.2782, 0.3938, 0.2514
Android (android.graphics.Color)	4294929337 (0xFFFF6BB9)
YUV	160.1440, 12.2540, 83.1887
Hunter-Lab	59.3955, 62.1138, -8.1309

Details

The XYZ color **55.2547, 35.2782, 49.7961** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.7609, 77.8209, 53.9971**, and the grayscale version is **33.4062, 35.1459, 38.2739**.

A 20% lighter version of the original color is **70.3926, 54.1618, 89.9633**, and **27.6870, 15.3011, 23.3239** is the 20% darker color. If you saturate the color by 10%, you get **51.7573, 30.2355, 42.6125**, and if you desaturate by 10%, it is **59.6455, 41.9348, 57.8112**.

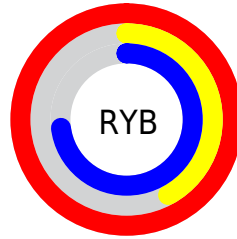
Distribution



Red (100%)

Green (42%)

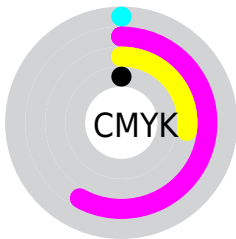
Blue (73%)



Red (100%)

Yellow (42%)

Blue (73%)

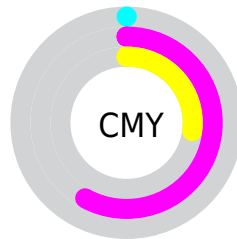


Cyan (0%)

Magenta (58%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2547, 35.2782, 49.7961 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 55.2547, 35.2782, 49.7961 by changing the saturation by 10% instead.

 55.2547, 35.2782,
49.7961


 55.2547, 35.2782,
49.7961


396.9974,
325.7946, 402.5802


 39.8403, 23.8773,
34.8814


 97.0602, 67.9165,
91.2659


 27.5977, 15.2426,
23.2887

 124.1820, 89.9227,
118.6580

 18.1615, 8.9898,
14.5995


 155.9370,
116.2327, 151.0464

 11.1664, 4.7345,
8.3953

 192.6906,
147.2310, 188.8495

 6.2470, 2.0924,
4.2575

234.8080,
183.3019, 232.4859

 3.0379, 0.6603,
1.7677

282.6548,

 1.1739, 0.0000,

224.8299, 282.3741

0.4065

336.5961,
272.1993, 338.9327

■ 0.0856, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2547, 35.2782,
49.7961

■ 55.2547, 35.2782,
49.7961

■ 51.7573, 30.2355,
42.6125

■ 59.6455, 41.9348,
57.8112

■ 49.0768, 26.6580,
36.2207

■ 64.9922, 50.3261,
66.6902

■ 47.1274, 24.3786,
30.5787

■ 71.3543, 60.5673,
76.4656

■ 45.7922, 23.1678,
25.6333

■ 78.7856, 72.7622,
87.1673

■ 45.5701, 22.9920,
24.7319

■ 87.3361, 87.0068,
98.8234

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



49.5224, 35.2782, 85.3128



55.2547, 35.2782, 49.7961



54.3898, 35.2782, 23.7416

Triad

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



55.2547, 35.2782, 49.7961



27.9150, 35.2782, 6.8399



22.7037, 35.2782, 93.8857

Complementary

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



55.2547, 35.2782, 49.7961



49.7609, 77.8209, 53.9971

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.



18.8306, 35.2782, 58.1429



55.2547, 35.2782, 49.7961



21.4160, 35.2782, 12.9108

Square

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



55.2547, 35.2782, 49.7961



37.3004, 35.2782, 6.2904



18.4096, 35.2782, 28.9103



30.0243, 35.2782, 117.8067

Rectangle

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



55.2547, 35.2782, 49.7961



50.2205, 35.2782, 13.8152



18.4096, 35.2782, 28.9103



21.0210, 35.2782, 82.2374

Sweetspot

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



55.2556, 35.2799, 49.7967



79.6187, 74.1412, 88.3301



41.2291, 26.9755, 97.6415



16.6982, 15.3012, 18.4256



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.



55.2556, 35.2799, 49.7967



51.1688, 29.4220, 41.2959



49.4199, 32.9456, 19.0665



18.4094, 18.1471, 20.7729



23.8875, 12.0443, 13.3238



2.3811, 1.1948, 1.5882

Inverse Universe

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



55.2556, 35.2799, 49.7967



51.1688, 29.4220, 41.2959



59.0902, 81.5526, 103.1244



18.4094, 18.1471, 20.7729



23.8875, 12.0443, 13.3238



2.3811, 1.1948, 1.5882

Previews

White Background



This preview shows how the XYZ color 55.2547, 35.2782, 49.7961 looks on a white background.

Color Contrast Check

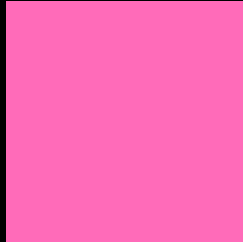
Large Text (above 18pt) WCAG AA × Fail

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 55.2547, 35.2782, 49.7961 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 55.2547, 35.2782, 49.7961

Background



This preview shows how black text looks on a background with the XYZ color 55.2547, 35.2782, 49.7961.



This preview shows how white text looks on a background with the XYZ color 55.2547, 35.2782,

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

55.2547, 35.2782, 49.7961

Protanopia

36.6046, 35.7675, 73.3812

Deuteranopia

36.1865, 35.3863, 46.5180



Tritanopia

50.0371, 35.3154, 24.6014

Trichromacy



Original Color

55.2547, 35.2782, 49.7961



Protanomaly

40.2917, 33.3775, 63.9934



Deuteranomaly

41.1461, 33.7516, 47.5261



Tritanomaly

51.7004, 35.1268, 32.4890

Monochromacy



Original Color

55.2547, 35.2782, 49.7961



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

39.1920, 33.5164, 41.9398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2547, 35.2782, 49.7961 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(255, 107, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 185)  
}
```

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(255, 107, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 185) }
```

Border

The CSS property to change the border of an element to XYZ 55.2547, 35.2782, 49.7961 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(255, 107, 185) }
```


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

```
.border{ border-color:rgb(255, 107, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2547, 35.2782, 49.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 185) }
```

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

```
.background{ background-color: rgb(255,  
107, 185) }
```

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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