

Converting Colors

XYZ(54.9767, 35.6169, 46.9453)

Have a look what the booklet for
XYZ(54.9767, 35.6169, 46.9453)
contains.

XYZ(55.0541, 35.7071, 47.1705)	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(55.0541, 35.7071,
47.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6EB4
RGB	255, 110, 180
RGB Percent	100%, 43%, 71%
CMY	0.0000, 0.5686, 0.2941
CMYK	0.00, 0.57, 0.29, 0.00
HSL	331°, 100%, 72%
HSV	331°, 57%, 100%
XYZ	55.0541, 35.7071, 47.1705
YIQ	161.3350, 63.9500, 52.5100

Conversions

Conversions Part 2

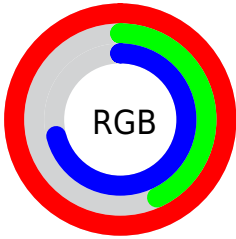
Format	Color
R_{YB}	255, 110, 180
Decimal	16740020
CIE _{Lab}	66.30, 62.07, -9.44
CIE _{LCh}	66, 62.785, 351.349
Yxy	35.7071, 0.3991, 0.2589
Android (android.graphics.Color)	4294930100 (0xFFFF6EB4)
YUV	161.3350, 9.2018, 82.1442
Hunter-Lab	59.7554, 59.8843, -4.9743

Details

The XYZ color **55.0541, 35.7071, 47.1705** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.9491, 78.3386, 58.3385**, and the grayscale version is **33.9710, 35.7402, 38.9210**.

A 20% lighter version of the original color is **70.1990, 54.9536, 86.2641**, and **27.5203, 15.5021, 21.6204** is the 20% darker color. If you saturate the color by 10%, you get **51.4074, 30.4628, 39.6378**, and if you desaturate by 10%, it is **59.6220, 42.5888, 55.6419**.

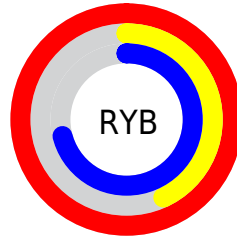
Distribution



Red (100%)

Green (43%)

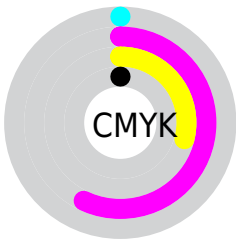
Blue (71%)



Red (100%)

Yellow (43%)

Blue (71%)

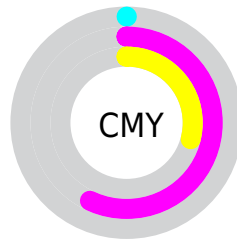


Cyan (0%)

Magenta (57%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0541, 35.7071, 47.1705 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 55.0541, 35.7071, 47.1705 by changing the saturation by 10% instead.


 55.0541, 35.7071,
47.1705

 55.0541, 35.7071,
47.1705


396.2500,
327.6785, 391.9081


 39.6791, 24.2081,
32.8152


 96.7681, 68.5797,
87.3207

 27.4715, 15.4880,
21.7149

 123.8377, 90.7221,
113.9527

 18.0661, 9.1626,
13.4513


 155.5363,
117.1811, 145.5139

 11.0974, 4.8474,
7.6057

192.2291,
148.3411, 182.4229

 6.2002, 2.1580,
3.7595

234.2815,
184.5864, 225.0983

 3.0090, 0.6970,
1.4944

282.0589,

 1.1585, 0.0000,

226.3015, 273.9587

0.2137

335.9266,
273.8707, 329.4224

■ 0.0732, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0541, 35.7071,
47.1705

■ 55.0541, 35.7071,
47.1705

■ 51.4074, 30.4628,
39.6378

■ 59.6220, 42.5888,
55.6419

■ 48.6055, 26.7092,
32.9998

■ 65.1732, 51.2273,
65.0885

■ 46.5635, 24.2823,
27.2103

■ 71.7677, 61.7368,
75.5468

■ 45.1733, 22.9724,
22.2139

■ 79.4594, 74.2205,
87.0505

■ 44.8213, 22.6925,
20.7886

■ 88.2986, 88.7738,
99.6313

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.



50.0475, 35.7071, 80.8440



55.0541, 35.7071, 47.1705



53.6422, 35.7071, 22.9543

Triad

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



55.0541, 35.7071, 47.1705



27.7917, 35.7071, 7.8986



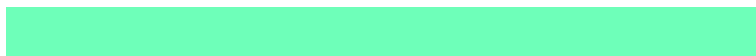
23.8813, 35.7071, 94.7189

Complementary

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



55.0541, 35.7071, 47.1705



50.9491, 78.3386, 58.3385

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.



19.7689, 35.7071, 60.8570



55.0541, 35.7071, 47.1705



21.7204, 35.7071, 14.7319

Square

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



55.0541, 35.7071, 47.1705



36.7221, 35.7071, 6.9210



19.0581, 35.7071, 31.6209



31.2993, 35.7071, 115.4792

Rectangle

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



55.0541, 35.7071, 47.1705



49.3443, 35.7071, 13.7786



19.0581, 35.7071, 31.6209



22.1279, 35.7071, 83.9144

Sweetspot

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



55.0551, 35.7089, 47.1712



79.3436, 74.0312, 86.8816



43.6152, 28.6780, 97.8444



16.6334, 15.2752, 18.0839



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.



55.0551, 35.7089, 47.1712



51.0467, 29.9622, 38.8365



49.8960, 34.0682, 18.7001



18.3747, 18.1332, 20.5902



23.4947, 11.8872, 11.2556



2.3425, 1.1794, 1.3850

Inverse Universe

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



55.0551, 35.7089, 47.1712



51.0467, 29.9622, 38.8365



59.4753, 80.5233, 107.0156



18.3747, 18.1332, 20.5902



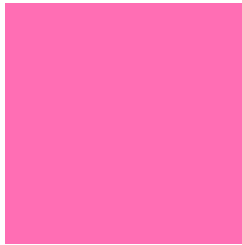
23.4947, 11.8872, 11.2556



2.3425, 1.1794, 1.3850

Previews

White Background



This preview shows how the XYZ color 55.0541, 35.7071, 47.1705 looks on a white background.

Color Contrast Check

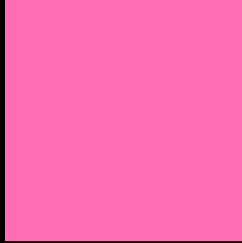
Large Text (above 18pt) WCAG AA × Fail

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 55.0541, 35.7071, 47.1705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

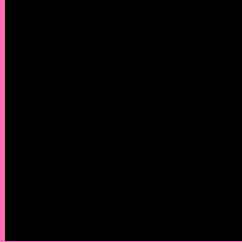
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0541, 35.7071, 47.1705

Background



This preview shows how black text looks on a background with the XYZ color 55.0541, 35.7071, 47.1705.



This preview shows how white text looks on a background with the XYZ color 55.0541, 35.7071,

47.1705.

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

55.0541, 35.7071, 47.1705

Protanopia

36.6137, 36.1488, 67.9984

Deuteranopia

36.6131, 35.9017, 44.5352



Tritanopia

50.5835, 35.7690, 25.0069

Trichromacy



Original Color

55.0541, 35.7071, 47.1705



Protanomaly

40.4653, 34.0022, 59.6887



Deuteranomaly

41.5717, 34.4473, 45.5322



Tritanomaly

51.8515, 35.5561, 32.1471

Monochromacy



Original Color

55.0541, 35.7071, 47.1705



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

39.2466, 33.7753, 41.4965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0541, 35.7071, 47.1705 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, 110, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 180)  
}
```

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, 110, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 180) }
```

Border

The CSS property to change the border of an element to XYZ 55.0541, 35.7071, 47.1705 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, 110, 180) }
```


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

```
.border{ border-color:rgb(255, 110, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0541, 35.7071, 47.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 180) }
```

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

```
.background{ background-color: rgb(255,  
110, 180) }
```

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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