

Converting Colors

XYZ(56.7022, 35.4200, 51.2099)

Have a look what the booklet for
XYZ(56.7022, 35.4200, 51.2099)
contains.

XYZ(55.1673, 34.5913, 51.3461)	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(55.1673, 34.5913,
51.3461)**

Conversions

Conversions Part 1

Format	Color
Hex	FF67BC
RGB	255, 103, 188
RGB Percent	100%, 40%, 74%
CMY	0.0000, 0.5960, 0.2627
CMYK	0.00, 0.60, 0.26, 0.00
HSL	326°, 100%, 70%
HSV	326°, 60%, 100%
XYZ	55.1673, 34.5913, 51.3461
YIQ	158.1380, 63.3070, 58.6590

Conversions

Conversions Part 2

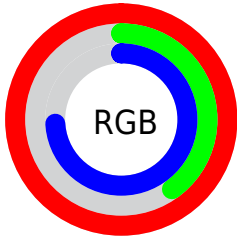
Format	Color
R _Y B	255, 103, 188
Decimal	16738236
CIE Lab	65.43, 66.09, -15.28
CIE LCh	65, 67.833, 346.984
Yxy	34.5913, 0.3910, 0.2451
Android (android.graphics.Color)	4294928316 (0xFFFF67BC)
YUV	158.1380, 14.7220, 84.9480
Hunter-Lab	58.8144, 64.5061, -10.5913

Details

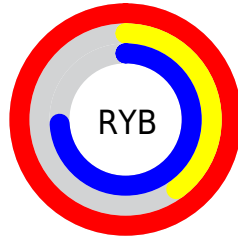
The XYZ color **55.1673, 34.5913, 51.3461** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.6109, 77.3066, 50.3936**, and the grayscale version is **32.4785, 34.1699, 37.2111**.

A 20% lighter version of the original color is **70.1399, 52.9333, 92.1083**, and **27.6718, 14.9372, 24.3464** is the 20% darker color. If you saturate the color by 10%, you get **51.8415, 29.8039, 44.4900**, and if you desaturate by 10%, it is **59.3625, 40.9660, 58.9583**.

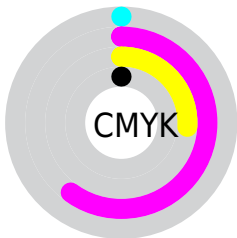
Distribution



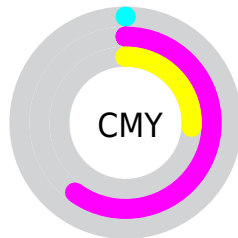
- Red (100%)
- Green (40%)
- Blue (74%)



- Red (100%)
- Yellow (40%)
- Blue (74%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1673, 34.5913, 51.3461 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 55.1673, 34.5913, 51.3461 by changing the saturation by 10% instead.


 55.1673, 34.5913,
51.3461


 55.1673, 34.5913,
51.3461


396.6719,
322.7607, 408.7918


 39.7701, 23.3482,
36.1055


 96.9329, 66.8521,
93.5829


 27.5427, 14.8508,
24.2253


 124.0320, 88.6387,
121.4162

 18.1199, 8.7148,
15.2871


 155.7624,
114.7085, 154.2840

 11.1363, 4.5556,
8.8723

 192.4895,
145.4460, 192.6051

 6.2266, 1.9890,
4.5623

234.5787,
181.2356, 236.7979

 3.0253, 0.6010,
1.9386

282.3952,

 1.1672, 0.0000,

222.4616, 287.2809

0.5171

336.3045,
269.5085, 344.4727

■ 0.0802, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1673, 34.5913,
51.3461

■ 55.1673, 34.5913,
51.3461

■ 51.8415, 29.8039,
44.4900

■ 59.3625, 40.9660,
58.9583

■ 49.3073, 26.4523,
38.3527

■ 64.4900, 49.0511,
67.3568

■ 47.4767, 24.3639,
32.8941

■ 70.6098, 58.9634,
76.5720

■ 46.2118, 23.2662,
28.0569

■ 77.7760, 70.8077,
86.6312

■ 46.1672, 23.2309,
27.8762

■ 86.0386, 84.6810,
97.5606

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.



48.8780, 34.5913, 88.5323



55.1673, 34.5913, 51.3461



54.6863, 34.5913, 23.8618

Triad

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



55.1673, 34.5913, 51.3461



27.6182, 34.5913, 5.8622



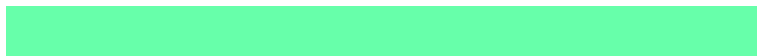
21.5128, 34.5913, 93.3425

Complementary

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



55.1673, 34.5913, 51.3461



48.6109, 77.3066, 50.3936

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.



17.8091, 34.5913, 55.9676



55.1673, 34.5913, 51.3461



20.8170, 34.5913, 11.3477

Square

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



55.1673, 34.5913, 51.3461



37.3608, 34.5913, 5.5837



17.5831, 34.5913, 26.6579



28.7689, 34.5913, 119.8229

Rectangle

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



55.1673, 34.5913, 51.3461



50.5768, 34.5913, 13.4425



17.5831, 34.5913, 26.6579



19.8807, 34.5913, 80.9782

Sweetspot

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



55.1682, 34.5930, 51.3467



79.0267, 72.8947, 88.3257



39.2357, 25.3429, 97.4315



16.4340, 14.8006, 18.2511



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.



55.1682, 34.5930, 51.3467



51.1653, 28.8761, 42.9558



49.0797, 32.1576, 19.2847



18.4347, 18.1572, 20.9064



24.1997, 12.1692, 14.9682



2.4112, 1.2069, 1.7469

Inverse Universe

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



55.1682, 34.5930, 51.3467



51.1653, 28.8761, 42.9558



57.8156, 80.9885, 98.8651



18.4347, 18.1572, 20.9064



24.1997, 12.1692, 14.9682



2.4112, 1.2069, 1.7469

Previews

White Background



This preview shows how the XYZ color 55.1673, 34.5913, 51.3461 looks on a white background.

Color Contrast Check

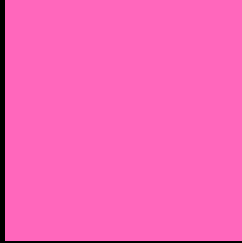
Large Text (above 18pt) WCAG AA × Fail

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 55.1673, 34.5913, 51.3461 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 55.1673, 34.5913, 51.3461

Background



This preview shows how black text looks on a background with the XYZ color 55.1673, 34.5913, 51.3461.



This preview shows how white text looks on a background with the XYZ color 55.1673, 34.5913,

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

55.1673, 34.5913, 51.3461

Protanopia

36.1010, 34.9233, 76.7896

Deuteranopia

35.4766, 34.7373, 48.0152



Tritanopia

49.4873, 34.5272, 23.4582

Trichromacy



Original Color

55.1673, 34.5913, 51.3461



Protanomaly

39.6517, 32.3481, 66.4413



Deuteranomaly

40.6401, 33.0330, 49.0338



Tritanomaly

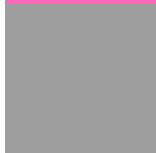
51.2844, 34.4219, 31.9581

Monochromacy



Original Color

55.1673, 34.5913, 51.3461



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

38.2422, 32.3790, 41.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1673, 34.5913, 51.3461 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, 103, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 188)  
}
```

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, 103, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 188) }
```

Border

The CSS property to change the border of an element to XYZ 55.1673, 34.5913, 51.3461 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, 103, 188) }
```


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

```
.border{ border-color:rgb(255, 103, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 103, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1673, 34.5913, 51.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 188) }
```

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

```
.background{ background-color: rgb(255,  
103, 188) }
```

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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