

Converting Colors

XYZ(53.8001, 34.9996, 56.7653)

Have a look what the booklet for
XYZ(53.8001, 34.9996, 56.7653)
contains.

XYZ(53.7685, 34.9929, 56.7437)	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(53.7685, 34.9929,
56.7437)**

Conversions

Conversions Part 1

Format	Color
Hex	F66FC5
RGB	246, 111, 197
RGB Percent	96%, 44%, 77%
CMY	0.0353, 0.5647, 0.2274
CMYK	0.00, 0.55, 0.20, 0.04
HSL	322°, 88%, 70%
HSV	322°, 55%, 96%
XYZ	53.7685, 34.9929, 56.7437
YIQ	161.1690, 52.8540, 55.3660

Conversions

Conversions Part 2

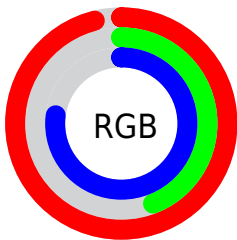
Format	Color
R _Y B	246, 111, 197
Decimal	16150469
CIE Lab	65.74, 61.18, -20.01
CIE LCh	66, 64.371, 341.889
Yxy	34.9929, 0.3695, 0.2405
Android (android.graphics.Color)	4294340549 (0xFFFF66FC5)
YUV	161.1690, 17.6647, 74.3968
Hunter-Lab	59.1548, 58.7259, -15.4650

Details

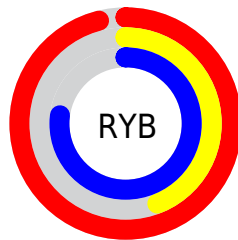
The XYZ color **53.7685, 34.9929, 56.7437** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **45.8582, 71.8302, 44.7086**, and the grayscale version is **33.8593, 35.6226, 38.7931**.

A 20% lighter version of the original color is **72.9481, 56.0532, 100.7405**, and **26.7245, 15.0942, 27.4915** is the 20% darker color. If you saturate the color by 10%, you get **50.4514, 29.9476, 50.7386**, and if you desaturate by 10%, it is **57.8873, 41.5436, 63.3157**.

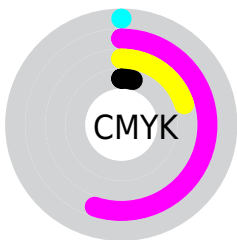
Distribution



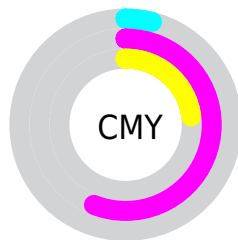
- Red (96%)
- Green (44%)
- Blue (77%)



- Red (96%)
- Yellow (44%)
- Blue (77%)



- Cyan (0%)
- Magenta (55%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (56%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7685, 34.9929, 56.7437 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 53.7685, 34.9929, 56.7437 by changing the saturation by 10% instead.


 53.7685, 34.9929,
56.7437

 53.7685, 34.9929,
56.7437

391.4394,
324.5370, 429.9550


 38.6465, 23.6574,
40.3915

 94.8931, 67.4748,
101.5877

 26.6644, 15.0797,
27.5278


 121.6265, 89.3899,
130.9167

 17.4566, 8.8753,
17.7341


 152.9611,
115.6004, 165.4083

 10.6579, 4.6600,
10.5918

189.2623,
146.4907, 205.4810

 5.9029, 2.0492,
5.6824

230.8953,
182.4451, 251.5536

 2.8262, 0.6358,
2.5873

278.2256,

 1.0625, 0.0000,

223.8480, 304.0444

0.8859

331.6185,
271.0838, 363.3720

■ 0.0000, 0.0000,
0.0000

■ 53.7685, 34.9929,
56.7437

■ 53.7685, 34.9929,
56.7437

■ 50.4514, 29.9476,
50.7386

■ 57.8873, 41.5436,
63.3157

■ 47.8694, 26.2777,
45.2722

■ 62.8607, 49.7055,
70.4762

■ 45.9501, 23.8393,
40.3154

■ 68.7408, 59.5806,
78.2480

■ 44.6032, 22.4541,
35.8326

■ 75.5745, 71.2611,
86.6513

■ 44.0671, 22.0173,
33.6946

■ 83.4052, 84.8324,
95.7053

91.1122, 98.0513,
105.0410

91.8163, 98.3329,
108.7487

Harmonies

Analogous

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



46.9763, 34.9929, 91.6789



53.7685, 34.9929, 56.7437



54.4770, 34.9929, 28.3261

Triad

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



53.7685, 34.9929, 56.7437



29.6438, 34.9929, 6.4454



21.4511, 34.9929, 84.6704

Complementary

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



53.7685, 34.9929, 56.7437



45.8582, 71.8302, 44.7086

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.



18.4205, 34.9929, 49.9006



53.7685, 34.9929, 56.7437



22.5126, 34.9929, 10.9532

Square

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



53.7685, 34.9929, 56.7437



39.2544, 34.9929, 6.9045



18.7681, 34.9929, 24.0674



27.9087, 34.9929, 112.3798

Rectangle

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



53.7685, 34.9929, 56.7437



51.2628, 34.9929, 16.6409



18.7681, 34.9929, 24.0674



20.0586, 34.9929, 72.8708

Sweetspot

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



53.7696, 34.9946, 56.7444



81.0937, 75.7570, 92.9349



36.4706, 25.3193, 90.1542



17.0169, 15.6307, 19.4807



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.



53.7696, 34.9946, 56.7444



54.3515, 31.9189, 54.2825



47.8056, 32.6090, 25.3384



16.9435, 16.6602, 19.4489



23.5908, 11.7798, 18.3515



2.1226, 1.0550, 1.8719

Inverse Universe

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



53.7696, 34.9946, 56.7444



54.3515, 31.9189, 54.2825



53.2058, 74.7692, 83.4006



16.9435, 16.6602, 19.4489



23.5908, 11.7798, 18.3515



2.1226, 1.0550, 1.8719

Previews

White Background



This preview shows how the XYZ color 53.7685, 34.9929, 56.7437 looks on a white background.

Color Contrast Check

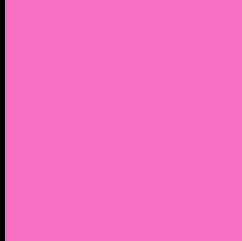
Large Text (above 18pt) WCAG AA × Fail

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 53.7685, 34.9929, 56.7437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

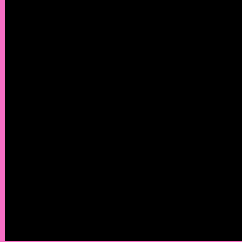
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7685, 34.9929, 56.7437

Background



This preview shows how black text looks on a background with the XYZ color 53.7685, 34.9929, 56.7437.



This preview shows how white text looks on a background with the XYZ color 53.7685, 34.9929,

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

53.7685, 34.9929, 56.7437

Protanopia

36.8040, 35.4575, 80.5055

Deuteranopia

35.8807, 35.0717, 53.5936



Tritanopia

47.5719, 34.9137, 26.7860

Trichromacy



Original Color

53.7685, 34.9929, 56.7437



Protanomaly

40.2156, 33.3943, 71.3440



Deuteranomaly

40.7420, 33.8129, 54.8313



Tritanomaly

49.4202, 34.7445, 35.9999

Monochromacy



Original Color

53.7685, 34.9929, 56.7437



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

39.2007, 33.9074, 44.5231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7685, 34.9929, 56.7437 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(246, 111, 197)` looks like.

```
.text, #text, p{  
    color:rgb(246, 111, 197)  
}
```

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(246, 111, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 111, 197) }
```

Border

The CSS property to change the border of an element to XYZ 53.7685, 34.9929, 56.7437 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(246, 111, 197) }
```


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

```
.border{ border-color:rgb(246, 111, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 111, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 111, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 111, 197);  
box-shadow:4px 4px 4px 4px rgb(246, 111,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7685, 34.9929, 56.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 111, 197) }
```

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

```
.background{ background-color: rgb(246,  
111, 197) }
```

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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