

Converting Colors

XYZ(53.0920, 35.5756, 34.8238)

Have a look what the booklet for
XYZ(53.0920, 35.5756, 34.8238)
contains.

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Color

**XYZ(53.0900, 35.6277,
34.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	FF729A
RGB	255, 114, 154
RGB Percent	100%, 45%, 60%
CMY	0.0000, 0.5529, 0.3961
CMYK	0.00, 0.55, 0.40, 0.00
HSL	343°, 100%, 72%
HSV	343°, 55%, 100%
XYZ	53.0900, 35.6277, 34.6505
YIQ	160.7190, 71.1960, 42.3320

Conversions

Conversions Part 2

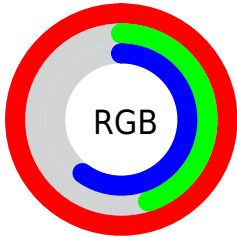
Format	Color
R _Y B	255, 114, 154
Decimal	16741018
CIE Lab	66.23, 57.32, 5.24
CIE LCh	66, 57.556, 5.221
Yxy	35.6277, 0.4303, 0.2888
Android (android.graphics.Color)	4294931098 (0xFFFF729A)
YUV	160.7190, -3.3125, 82.6844
Hunter-Lab	59.6889, 54.3102, 7.3634

Details

The XYZ color **53.0900, 35.6277, 34.6505** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.9671, 80.0045, 76.8403**, and the grayscale version is **33.7389, 35.4960, 38.6551**.

A 20% lighter version of the original color is **66.9999, 54.5635, 66.6750**, and **26.1594, 15.3749, 14.4209** is the 20% darker color. If you saturate the color by 10%, you get **49.1965, 30.0932, 26.4091**, and if you desaturate by 10%, it is **58.0184, 42.8616, 44.3798**.

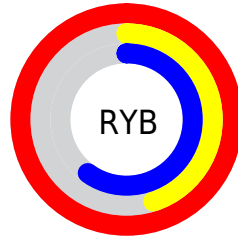
Distribution



Red (100%)

Green (45%)

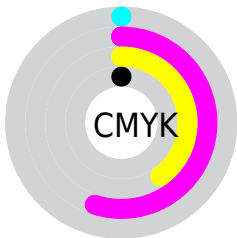
Blue (60%)



Red (100%)

Yellow (45%)

Blue (60%)

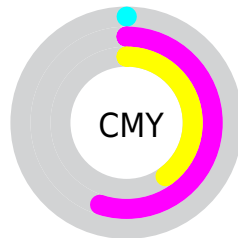


Cyan (0%)

Magenta (55%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0900, 35.6277, 34.6505 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 53.0900, 35.6277, 34.6505 by changing the saturation by 10% instead.


 53.0900, 35.6277,
34.6505


 53.0900, 35.6277,
34.6505


388.8855,
327.3304, 337.8802


 38.1024, 24.1468,
23.1124

 93.9015, 68.4570,
68.0894

 26.2397, 15.4426,
14.4704


 120.4562, 90.5743,
90.8273

 17.1367, 9.1306,
8.3061


 151.5972,
117.0057, 118.1354

 10.4279, 4.8264,
4.2009

187.6900,
148.1358, 150.4325

 5.7480, 2.1458,
1.7362

229.0998,
184.3489, 188.1370

 2.7317, 0.6902,
0.3853

276.1921,

 1.0135, 0.0000,

226.0295, 231.6674

0.0000

329.3322,
273.5618, 281.4423

■ 0.0000, 0.0000,
0.0000

■ 53.0900, 35.6277,
34.6505

■ 53.0900, 35.6277,
34.6505

■ 49.1965, 30.0932,
26.4091

■ 58.0184, 42.8616,
44.3798

■ 46.2563, 26.1113,
19.5759

■ 64.0493, 51.9143,
55.6667

■ 44.1791, 23.5196,
14.0658

■ 71.2477, 62.9010,
68.5787

■ 42.8542, 22.1162,
9.7816

■ 79.6724, 75.9257,
83.1783

■ 42.4205, 21.7322,
8.1466

■ 89.3785, 91.0849,
99.5250

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



51.1566, 35.6277, 62.1529



53.0900, 35.6277, 34.6505



49.2057, 35.6277, 17.4273

Triad

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



53.0900, 35.6277, 34.6505



25.2126, 35.6277, 11.5824



27.4092, 35.6277, 99.4370

Complementary

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



53.0900, 35.6277, 34.6505



54.9671, 80.0045, 76.8403

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.



22.0956, 35.6277, 72.9155



53.0900, 35.6277, 34.6505



20.9855, 35.6277, 22.1698

Square

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



53.0900, 35.6277, 34.6505



32.3841, 35.6277, 8.2020



19.9489, 35.6277, 43.2521



35.3864, 35.6277, 107.4213

Rectangle

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



53.0900, 35.6277, 34.6505



44.1710, 35.6277, 11.4893



19.9489, 35.6277, 43.2521



25.2982, 35.6277, 91.9716

Sweetspot

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



53.0910, 35.6296, 34.6511



78.1433, 73.5511, 80.5610



51.4225, 33.3581, 98.3361



16.3513, 15.1624, 16.5987



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.



53.0910, 35.6296, 34.6511



48.9577, 29.7614, 25.8791



53.9814, 41.8826, 21.1611



18.2212, 18.0718, 19.7818



22.2205, 11.3775, 4.5456



2.2080, 1.1256, 0.6767

Inverse Universe

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



53.0910, 35.6296, 34.6511



48.9577, 29.7614, 25.8791



52.4053, 65.6276, 104.5129



18.2212, 18.0718, 19.7818



22.2205, 11.3775, 4.5456



2.2080, 1.1256, 0.6767

Previews

White Background



This preview shows how the XYZ color 53.0900, 35.6277, 34.6505 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 53.0900, 35.6277, 34.6505 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 53.0900, 35.6277, 34.6505

Background



This preview shows how black text looks on a background with the XYZ color 53.0900, 35.6277, 34.6505.



This preview shows how white text looks on a background with the XYZ color 53.0900, 35.6277, 34.6505.

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

53.0900, 35.6277, 34.6505

Protanopia

35.2094, 35.8487, 48.7798

Deuteranopia

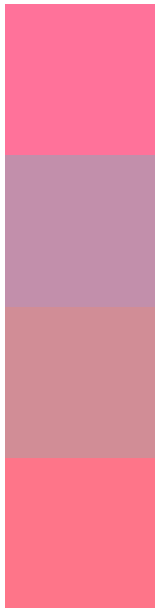
36.4463, 35.8286, 32.5984



Tritanopia

50.9356, 35.6086, 24.2672

Trichromacy



Original Color

53.0900, 35.6277, 34.6505

Protanomaly

39.4213, 34.0545, 43.0235

Deuteranomaly

41.3244, 34.8071, 33.3946

Tritanomaly

51.7497, 35.5996, 27.8108

Monochromacy



Original Color

53.0900, 35.6277, 34.6505

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.6505, 34.0172, 36.8766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0900, 35.6277, 34.6505 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, 114, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 154)  
}
```

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, 114, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 154) }
```

Border

The CSS property to change the border of an element to XYZ 53.0900, 35.6277, 34.6505 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, 114, 154) }
```


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

```
.border{ border-color:rgb(255, 114, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0900, 35.6277, 34.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 154) }
```

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

```
.background{ background-color: rgb(255,  
114, 154) }
```

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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