

Converting Colors

XYZ(53.9421, 35.2635, 41.3111)

Have a look what the booklet for
XYZ(53.9421, 35.2635, 41.3111)
contains.

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Color

**XYZ(53.9774, 35.2764,
41.5002)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6EA9
RGB	255, 110, 169
RGB Percent	100%, 43%, 66%
CMY	0.0000, 0.5686, 0.3373
CMYK	0.00, 0.57, 0.34, 0.00
HSL	336°, 100%, 72%
HSV	336°, 57%, 100%
XYZ	53.9774, 35.2764, 41.5002
YIQ	160.0810, 67.4810, 49.0890

Conversions

Conversions Part 2

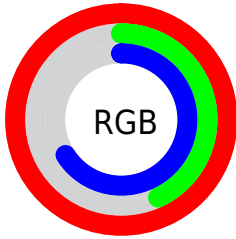
Format	Color
R_{YB}	255, 110, 169
Decimal	16740009
CIE Lab	65.96, 60.77, -3.69
CIE LCh	66, 60.880, 356.523
Yxy	35.2764, 0.4128, 0.2698
Android (android.graphics.Color)	4294930089 (0xFFFF6EA9)
YUV	160.0810, 4.3971, 83.2440
Hunter-Lab	59.3939, 58.2820, 0.1482

Details

The XYZ color **53.9774, 35.2764, 41.5002** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.1560, 78.8214, 64.6940**, and the grayscale version is **33.4107, 35.1507, 38.2791**.

A 20% lighter version of the original color is **68.5133, 54.2793, 77.3869**, and **26.6870, 15.2097, 18.3588** is the 20% darker color. If you saturate the color by 10%, you get **50.2723, 30.0087, 33.6603**, and if you desaturate by 10%, it is **58.6399, 42.1960, 50.4704**.

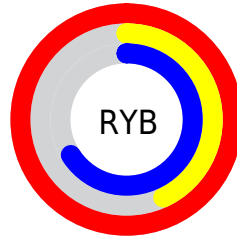
Distribution



Red (100%)

Green (43%)

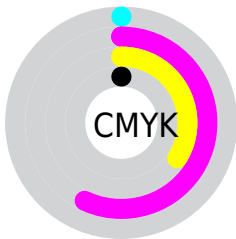
Blue (66%)



Red (100%)

Yellow (43%)

Blue (66%)

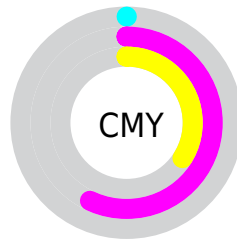


Cyan (0%)

Magenta (57%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9774, 35.2764, 41.5002 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 53.9774, 35.2764, 41.5002 by changing the saturation by 10% instead.


 53.9774, 35.2764,
41.5002

 53.9774, 35.2764,
41.5002


392.2236,
325.7867, 368.1452

 38.8142, 23.8759,
28.3875


 95.1981, 67.9137,
78.7045

 26.7953, 15.2416,
18.3764

 121.9864, 89.9193,
103.6333

 17.5553, 8.9891,
11.0483


 153.3804,
116.2287, 133.3377

 10.7290, 4.7341,
5.9848

189.7454,
147.2263, 168.2365

 5.9508, 2.0921,
2.7672

231.4469,
183.2965, 208.7481

 2.8556, 0.6602,
0.9770

278.8502,

 1.0779, 0.0000,

224.8237, 255.2910

0.0000

332.3206,
272.1923, 308.2839

■ 0.0065, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9774, 35.2764,
41.5002

■ 53.9774, 35.2764,
41.5002

■ 50.2723, 30.0087,
33.6603

■ 58.6399, 42.1960,
50.4704

■ 47.4464, 26.2455,
26.8960

■ 64.3242, 50.8877,
60.6174

■ 45.4125, 23.8219,
21.1496

■ 71.0917, 61.4664,
71.9871

■ 44.0605, 22.5273,
16.3536

■ 78.9983, 74.0360,
84.6221

■ 43.7261, 22.2544,
15.0215

■ 88.0957, 88.6926,
98.5625

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.



50.1649, 35.2764, 72.8153



53.9774, 35.2764, 41.5002



51.5527, 35.2764, 20.2333

Triad

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



53.9774, 35.2764, 41.5002



26.3692, 35.2764, 8.9141



24.8479, 35.2764, 96.4779

Complementary

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



53.9774, 35.2764, 41.5002



52.1560, 78.8214, 64.6940

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.



20.2883, 35.2764, 65.1159



53.9774, 35.2764, 41.5002



21.0497, 35.2764, 17.0189

Square

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



53.9774, 35.2764, 41.5002



34.5915, 35.2764, 7.1127



19.0329, 35.2764, 35.4771



32.4888, 35.2764, 112.3222

Rectangle

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



53.9774, 35.2764, 41.5002



46.9258, 35.2764, 12.4751



19.0329, 35.2764, 35.4771



22.9608, 35.2764, 86.8673

Sweetspot

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



53.9783, 35.2782, 41.5008



78.8792, 73.8454, 84.4358



46.0258, 29.9207, 97.9572



16.5240, 15.2315, 17.5080



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.



53.9783, 35.2782, 41.5008



49.9071, 29.5064, 32.8356



51.0256, 36.3273, 19.0766



18.3157, 18.1096, 20.2796



22.9173, 11.6562, 8.2147



2.2839, 1.1559, 1.0764

Inverse Universe

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



53.9783, 35.2782, 41.5008



49.9071, 29.5064, 32.8356



56.5072, 74.5872, 106.0263



18.3157, 18.1096, 20.2796



22.9173, 11.6562, 8.2147



2.2839, 1.1559, 1.0764

Previews

White Background



This preview shows how the XYZ color 53.9774, 35.2764, 41.5002 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 53.9774, 35.2764, 41.5002 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 53.9774, 35.2764, 41.5002

Background



This preview shows how black text looks on a background with the XYZ color 53.9774, 35.2764, 41.5002.



This preview shows how white text looks on a background with the XYZ color 53.9774, 35.2764,

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

53.9774, 35.2764, 41.5002

Protanopia

35.5860, 35.5457, 59.6290

Deuteranopia

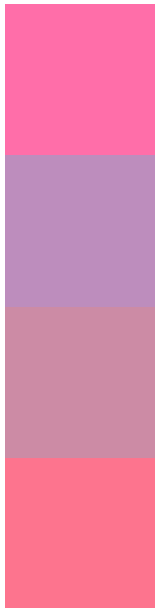
36.0893, 35.4995, 39.1324



Tritanopia

50.5725, 35.4214, 24.2502

Trichromacy



Original Color

53.9774, 35.2764, 41.5002

Protanomaly

39.6964, 33.5427, 52.5263

Deuteranomaly

40.9260, 34.0192, 40.0066

Tritanomaly

51.6359, 35.3264, 29.6884

Monochromacy



Original Color

53.9774, 35.2764, 41.5002

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.7895, 33.5924, 39.0899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9774, 35.2764, 41.5002 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 169) }
```

Border

The CSS property to change the border of an element to XYZ 53.9774, 35.2764, 41.5002 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, 169) }
```


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

```
.border{ border-color:rgb(255, 110, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9774, 35.2764, 41.5002 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
110, 169) }
```

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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