

Converting Colors

XYZ(53.7905, 32.1381, 49.9611)

Have a look what the booklet for
XYZ(53.7905, 32.1381, 49.9611)
contains.

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Color

**XYZ(53.7591, 32.1175,
49.8203)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5ABA
RGB	255, 90, 186
RGB Percent	100%, 35%, 73%
CMY	0.0000, 0.6470, 0.2706
CMYK	0.00, 0.65, 0.27, 0.00
HSL	325°, 100%, 68%
HSV	325°, 65%, 100%
XYZ	53.7591, 32.1175, 49.8203
YIQ	150.2790, 67.5240, 64.8360

Conversions

Conversions Part 2

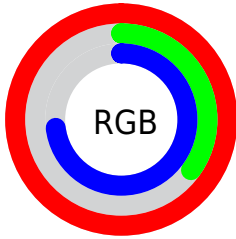
Format	Color
R_{YB}	255, 90, 186
Decimal	16734906
CIE _{Lab}	63.44, 71.09, -17.15
CIE _{LCh}	63, 73.125, 346.436
Yxy	32.1175, 0.3962, 0.2367
Android (android.graphics.Color)	4294924986 (0xFFFF5ABA)
YUV	150.2790, 17.6105, 91.8403
Hunter-Lab	56.6723, 70.1478, -12.4509

Details

The XYZ color **53.7591, 32.1175, 49.8203** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **46.2361, 76.1976, 45.0755**, and the grayscale version is **29.0168, 30.5280, 33.2450**.

A 20% lighter version of the original color is **68.0145, 49.1657, 89.9096**, and **26.6132, 13.4257, 23.3791** is the 20% darker color. If you saturate the color by 10%, you get **50.8732, 28.0929, 43.4721**, and if you desaturate by 10%, it is **57.4686, 37.6538, 56.8611**.

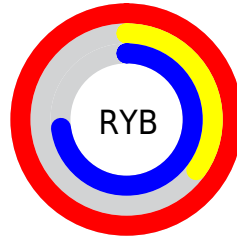
Distribution



Red (100%)

Green (35%)

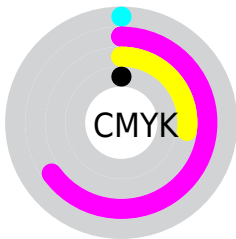
Blue (73%)



Red (100%)

Yellow (35%)

Blue (73%)

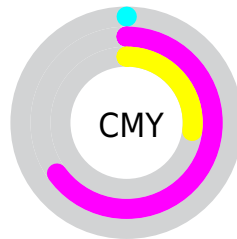


Cyan (0%)

Magenta (65%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7591, 32.1175, 49.8203 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 53.7591, 32.1175, 49.8203 by changing the saturation by 10% instead.

 53.7591, 32.1175,
49.8203


 53.7591, 32.1175,
49.8203


391.4041,
311.6542, 402.6777


 38.6390, 21.4513,
34.9005

 94.8794, 62.9952,
91.3021


 26.6585, 13.4543,
23.3033

 121.6103, 83.9755,
118.7012

 17.4521, 7.7421,
14.6102


 152.9423,
109.1627, 151.0971

 10.6547, 3.9304,
8.4027

 189.2405,
138.9410, 188.9083

 5.9007, 1.6347,
4.2622

230.8705,
173.6949, 232.5535

 2.8249, 0.3808,
1.7703

278.1975,

 1.0618, 0.0000,

213.8088, 282.4511

0.4082

331.5869,
259.6671, 339.0196

■ 0.0000, 0.0000,
0.0000

■ 53.7591, 32.1175,
49.8203

■ 53.7591, 32.1175,
49.8203

■ 50.8732, 28.0929,
43.4721

■ 57.4686, 37.6538,
56.8611

■ 48.7276, 25.4163,
37.7788

■ 62.0690, 44.8336,
64.6249

■ 47.2239, 23.8944,
32.6986

■ 67.6230, 53.7796,
73.1413

■ 46.6137, 23.4095,
30.2277

■ 74.1867, 64.6013,
82.4373

■ 81.8118, 77.3997,
92.5381

90.5464, 92.2679,
103.4677

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.



47.0045, 32.1175, 89.5166



53.7591, 32.1175, 49.8203



53.3899, 32.1175, 21.3956

Triad

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



53.7591, 32.1175, 49.8203



25.3205, 32.1175, 4.0621



18.9347, 32.1175, 93.2835

Complementary

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



53.7591, 32.1175, 49.8203



46.2361, 76.1976, 45.0755

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.



15.3482, 32.1175, 53.3337



53.7591, 32.1175, 49.8203



18.4349, 32.1175, 8.8303

Square

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



53.7591, 32.1175, 49.8203



35.3471, 32.1175, 3.8915



15.1883, 32.1175, 23.4104



26.1658, 32.1175, 122.5689

Rectangle

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



53.7591, 32.1175, 49.8203



49.1195, 32.1175, 11.1373



15.1883, 32.1175, 23.4104



17.3407, 32.1175, 79.9014

Sweetspot

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



53.7599, 32.1191, 49.8209



78.4015, 71.6509, 88.0969



35.9566, 21.8798, 96.9359



16.3193, 14.5619, 18.2416



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.



53.7599, 32.1191, 49.8209



50.0881, 27.0697, 41.5241



47.3834, 29.5685, 16.2424



18.4526, 18.1643, 21.0005



24.4329, 12.2624, 16.1958



2.4335, 1.2158, 1.8641

Inverse Universe

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



53.7599, 32.1191, 49.8209



50.0881, 27.0697, 41.5241



55.8920, 80.0600, 95.9229



18.4526, 18.1643, 21.0005



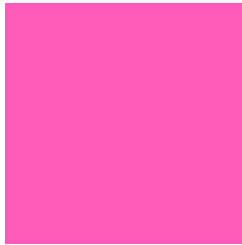
24.4329, 12.2624, 16.1958



2.4335, 1.2158, 1.8641

Previews

White Background



This preview shows how the XYZ color 53.7591, 32.1175, 49.8203 looks on a white background.

Color Contrast Check

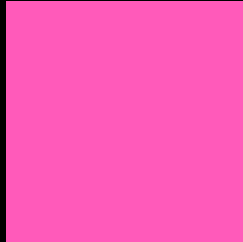
Large Text (above 18pt) WCAG AA × Fail

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 53.7591, 32.1175, 49.8203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

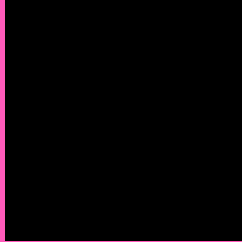
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7591, 32.1175, 49.8203

Background



This preview shows how black text looks on a background with the XYZ color 53.7591, 32.1175, 49.8203.



This preview shows how white text looks on a background with the XYZ color 53.7591, 32.1175,

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

53.7591, 32.1175, 49.8203

Protanopia

34.1019, 32.3584, 79.3113

Deuteranopia

32.9427, 32.2561, 46.0848



Tritanopia

47.5240, 32.1027, 19.9113

Trichromacy



Original Color

53.7591, 32.1175, 49.8203



Protanomaly

37.4434, 29.5542, 67.3494



Deuteranomaly

37.9497, 30.0711, 46.9841



Tritanomaly

49.2451, 31.7397, 28.7302

Monochromacy



Original Color

53.7591, 32.1175, 49.8203



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

35.0691, 28.7741, 38.3559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7591, 32.1175, 49.8203 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, 90, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 186)  
}
```

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, 90, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.7591, 32.1175, 49.8203 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, 90, 186) }
```


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

```
.border{ border-color:rgb(255, 90, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 90, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7591, 32.1175, 49.8203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 90, 186) }
```

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

```
.background{ background-color: rgb(255, 90,  
186) }
```

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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