

Converting Colors

XYZ(53.7665, 31.6392, 54.9029)

Have a look what the booklet for
XYZ(53.7665, 31.6392, 54.9029)
contains.

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Color

**XYZ(53.7665, 31.6392,
54.9029)**

Conversions

Conversions Part 1

Format	Color
Hex	FD57C3
RGB	253, 87, 195
RGB Percent	99%, 34%, 76%
CMY	0.0078, 0.6588, 0.2353
CMYK	0.00, 0.66, 0.23, 0.01
HSL	321°, 98%, 67%
HSV	321°, 66%, 99%
XYZ	53.7665, 31.6392, 54.9029
YIQ	148.9460, 64.2680, 68.7800

Conversions

Conversions Part 2

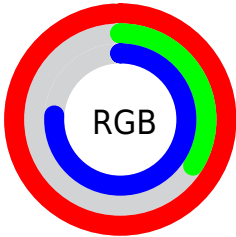
Format	Color
R_{YB}	253, 87, 195
Decimal	16603075
CIE _{Lab}	63.04, 72.81, -22.91
CIE _{LCh}	63, 76.331, 342.538
Yxy	31.6392, 0.3832, 0.2255
Android (android.graphics.Color)	4294793155 (0xFFFD57C3)
YUV	148.9460, 22.7046, 91.2554
Hunter-Lab	56.2487, 72.1876, -18.4973

Details

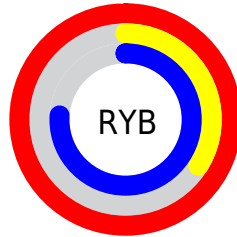
The XYZ color **53.7665, 31.6392, 54.9029** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **44.1683, 74.3221, 38.8096**, and the grayscale version is **28.4347, 29.9156, 32.5780**.

A 20% lighter version of the original color is **69.0896, 48.8460, 97.8823**, and **26.5459, 13.1296, 26.3344** is the 20% darker color. If you saturate the color by 10%, you get **51.0950, 27.8484, 49.2260**, and if you desaturate by 10%, it is **57.2165, 36.8915, 61.1318**.

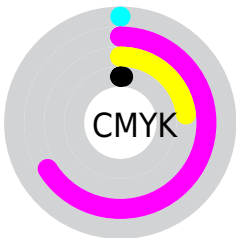
Distribution



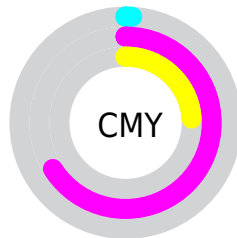
- Red (99%)
- Green (34%)
- Blue (76%)



- Red (99%)
- Yellow (34%)
- Blue (76%)



- Cyan (0%)
- Magenta (66%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (66%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7665, 31.6392, 54.9029 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 53.7665, 31.6392, 54.9029 by changing the saturation by 10% instead.


 53.7665, 31.6392,
54.9029


 53.7665, 31.6392,
54.9029


391.4319,
309.4724, 422.8153


 38.6449, 21.0861,
38.9259


 94.8902, 62.2450,
98.8684


 26.6631, 13.1869,
26.3947


 121.6231, 83.0665,
127.6940

 17.4556, 7.5574,
16.8907


 152.9571,
108.0796, 161.6395

 10.6572, 3.8131,
9.9955

 189.2576,
137.6686, 201.1235

 5.9024, 1.5696,
5.2904

230.8900,
172.2180, 246.5646

 2.8259, 0.3369,
2.3569

278.2196,

 1.0624, 0.0000,

212.1122, 298.3812

0.7629

331.6118,
257.7355, 356.9919

■ 0.0000, 0.0000,
0.0000

■ 53.7665, 31.6392,
54.9029

■ 53.7665, 31.6392,
54.9029

■ 51.0950, 27.8484,
49.2260

■ 57.2165, 36.8915,
61.1318

■ 49.1192, 25.3565,
44.0678

■ 61.5105, 43.7358,
67.9386

■ 47.7417, 23.9696,
39.3909

■ 66.7100, 52.2933,
75.3489

■ 47.2631, 23.5847,
37.4670

■ 72.8700, 62.6723,
83.3856

■ 80.0406, 74.9720,
92.0701

88.2688, 89.2843,
101.4224

94.3181, 99.6227,
108.8657

Harmonies

Analogous

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



45.9111, 31.6392, 97.1252



53.7665, 31.6392, 54.9029



54.4314, 31.6392, 23.3498

Triad

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



53.7665, 31.6392, 54.9029



25.8944, 31.6392, 3.2080



17.5025, 31.6392, 90.2739

Complementary

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



53.7665, 31.6392, 54.9029



44.1683, 74.3221, 38.8096

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.



14.3425, 31.6392, 48.6052



53.7665, 31.6392, 54.9029



18.3726, 31.6392, 6.9787

Square

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



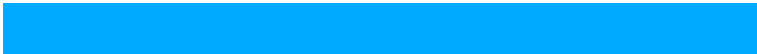
53.7665, 31.6392, 54.9029



36.5542, 31.6392, 3.4798



14.6187, 31.6392, 19.8354



24.4056, 31.6392, 124.4232

Rectangle

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



53.7665, 31.6392, 54.9029



50.5324, 31.6392, 11.7531



14.6187, 31.6392, 19.8354



16.0484, 31.6392, 75.9043

Sweetspot

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



53.7675, 31.6408, 54.9035



78.1452, 70.5707, 89.7614



32.3524, 19.6907, 95.0243



16.2921, 14.3613, 18.6838



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.



53.7675, 31.6408, 54.9035



51.2542, 27.3430, 48.2598



46.9929, 28.9310, 19.2291



18.5073, 18.1862, 21.2885



25.2138, 12.5748, 20.3080



2.5067, 1.2451, 2.2497

Inverse Universe

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



53.7675, 31.6408, 54.9035



51.2542, 27.3430, 48.2598



52.6932, 77.7320, 83.7007



18.5073, 18.1862, 21.2885



25.2138, 12.5748, 20.3080



2.5067, 1.2451, 2.2497

Previews

White Background



This preview shows how the XYZ color 53.7665, 31.6392, 54.9029 looks on a white background.

Color Contrast Check

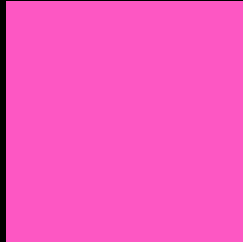
Large Text (above 18pt) WCAG AA × Fail

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 53.7665, 31.6392, 54.9029 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 53.7665, 31.6392, 54.9029

Background



This preview shows how black text looks on a background with the XYZ color 53.7665, 31.6392, 54.9029.



This preview shows how white text looks on a background with the XYZ color 53.7665, 31.6392,

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

53.7665, 31.6392, 54.9029

Protanopia

34.5552, 32.1353, 89.1755

Deuteranopia

32.3729, 31.6194, 50.8513



Tritanopia

46.4631, 31.5558, 19.8617

Trichromacy



Original Color

53.7665, 31.6392, 54.9029



Protanomaly

37.2532, 28.8852, 75.5635



Deuteranomaly

37.3852, 29.2872, 51.8267



Tritanomaly

48.6581, 31.2677, 29.8563

Monochromacy



Original Color

53.7665, 31.6392, 54.9029



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

34.8373, 28.2397, 39.6911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7665, 31.6392, 54.9029 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(253, 87, 195)` looks like.

```
.text, #text, p{  
    color:rgb(253, 87, 195)  
}
```

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(253, 87, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 87, 195) }
```

Border

The CSS property to change the border of an element to XYZ 53.7665, 31.6392, 54.9029 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(253, 87, 195) }
```


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

```
.border{ border-color:rgb(253, 87, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 87, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 87, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 87, 195);  
box-shadow:4px 4px 4px 4px rgb(253, 87,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7665, 31.6392, 54.9029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 87, 195) }
```

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

```
.background{ background-color: rgb(253, 87,  
195) }
```

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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