

Converting Colors

XYZ(53.2453, 31.2605, 49.1231)

Have a look what the booklet for
XYZ(53.2453, 31.2605, 49.1231)
contains.

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Color

**XYZ(53.2455, 31.2598,
49.1263)**

Conversions

Conversions Part 1

Format	Color
Hex	FF55B9
RGB	255, 85, 185
RGB Percent	100%, 33%, 73%
CMY	0.0000, 0.6666, 0.2745
CMYK	0.00, 0.67, 0.27, 0.00
HSL	325°, 100%, 67%
HSV	325°, 67%, 100%
XYZ	53.2455, 31.2598, 49.1263
YIQ	147.2300, 69.2200, 67.1400

Conversions

Conversions Part 2

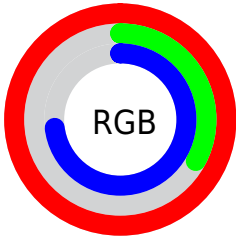
Format	Color
R _Y B	255, 85, 185
Decimal	16733625
CIE Lab	62.73, 72.84, -17.66
CIE LCh	63, 74.951, 346.371
Yxy	31.2598, 0.3984, 0.2339
Android (android.graphics.Color)	4294923705 (0xFFFF55B9)
YUV	147.2300, 18.6206, 94.5143
Hunter-Lab	55.9105, 72.1485, -12.9584

Details

The XYZ color **53.2455, 31.2598, 49.1263** 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 **45.4244, 75.8186, 43.2548**, and the grayscale version is **27.7352, 29.1796, 31.7766**.

A 20% lighter version of the original color is **67.2426, 47.8617, 88.9132**, and **26.4130, 13.1353, 22.9730** is the 20% darker color. If you saturate the color by 10%, you get **50.5191, 27.5161, 42.9489**, and if you desaturate by 10%, it is **56.7782, 36.4850, 55.9770**.

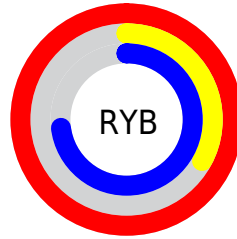
Distribution



Red (100%)

Green (33%)

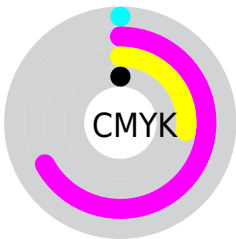
Blue (73%)



Red (100%)

Yellow (33%)

Blue (73%)

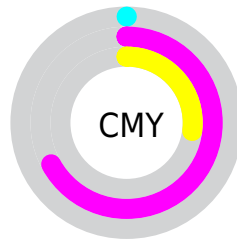


Cyan (0%)

Magenta (67%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (67%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2455, 31.2598, 49.1263 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 53.2455, 31.2598, 49.1263 by changing the saturation by 10% instead.


 53.2455, 31.2598,
49.1263

 53.2455, 31.2598,
49.1263

389.4718,
307.7334, 399.8761


 38.2271, 20.7968,
34.3534


 94.1289, 61.6489,
90.2619


 26.3370, 12.9755,
22.8856


 120.7246, 82.3437,
117.4617

 17.2099, 7.4117,
14.3046


 151.9101,
107.2179, 149.6409

 10.4805, 3.7209,
8.1916

 188.0507,
136.6559, 187.2179

 5.7834, 1.5187,
4.1283

229.5118,
171.0420, 230.6115

 2.7532, 0.3018,
1.6960

276.6588,

 1.0246, 0.0000,

210.7607, 280.2400

0.3580

329.8570,
256.1964, 336.5220

■ 0.0000, 0.0000,
0.0000

■ 53.2455, 31.2598,
49.1263

■ 53.2455, 31.2598,
49.1263

■ 50.5191, 27.5161,
42.9489

■ 56.7782, 36.4850,
55.9770

■ 48.5131, 25.0849,
37.4066

■ 61.1863, 43.3274,
63.5316

■ 47.1234, 23.7612,
32.4562

■ 66.5338, 51.9121,
71.8199

■ 46.7446, 23.4618,
30.9168

■ 72.8779, 62.3510,
80.8688

■ 80.2708, 74.7461,
90.7034

88.7612, 89.1923,
101.3475

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.



46.3614, 31.2598, 89.6454



53.2455, 31.2598, 49.1263



52.8866, 31.2598, 20.4897

Triad

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



53.2455, 31.2598, 49.1263



24.5008, 31.2598, 3.5383



18.0924, 31.2598, 93.3331

Complementary

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



53.2455, 31.2598, 49.1263



45.4244, 75.8186, 43.2548

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.



14.5424, 31.2598, 52.5302



53.2455, 31.2598, 49.1263



17.6181, 31.2598, 8.0727

Square

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



53.2455, 31.2598, 49.1263



34.5962, 31.2598, 3.3862



14.3915, 31.2598, 22.4043



25.3097, 31.2598, 123.4979

Rectangle

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



53.2455, 31.2598, 49.1263



48.5502, 31.2598, 10.3542



14.3915, 31.2598, 22.4043



16.5114, 31.2598, 79.6163

Sweetspot

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



53.2463, 31.2613, 49.1269



77.6840, 70.3862, 87.3326



34.4372, 20.4914, 96.7479



16.1812, 14.3169, 18.0999



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.



53.2463, 31.2613, 49.1269



49.7741, 26.5678, 41.0307



46.8880, 28.7180, 15.6445



18.4577, 18.1664, 21.0272



24.5011, 12.2897, 16.5552



2.4399, 1.2184, 1.8982

Inverse Universe

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



53.2463, 31.2613, 49.1269



49.7741, 26.5678, 41.0307



54.9400, 79.6249, 93.3632



18.4577, 18.1664, 21.0272



24.5011, 12.2897, 16.5552



2.4399, 1.2184, 1.8982

Previews

White Background



This preview shows how the XYZ color 53.2455, 31.2598, 49.1263 looks on a white background.

Color Contrast Check

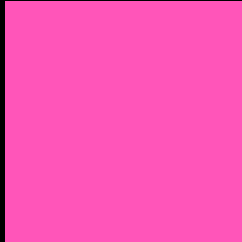
Large Text (above 18pt) WCAG AA × Fail

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 53.2455, 31.2598, 49.1263 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 53.2455, 31.2598, 49.1263

Background



This preview shows how black text looks on a background with the XYZ color 53.2455, 31.2598, 49.1263.



This preview shows how white text looks on a background with the XYZ color 53.2455, 31.2598,

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

53.2455, 31.2598, 49.1263

Protanopia

33.4813, 31.5320, 80.6656

Deuteranopia

31.9439, 31.2830, 45.4289



Tritanopia

46.8865, 31.1881, 18.5876

Trichromacy



Original Color

53.2455, 31.2598, 49.1263



Protanomaly

36.5212, 28.4859, 67.8634



Deuteranomaly

36.9562, 28.9983, 46.2972



Tritanomaly

48.6458, 30.8936, 27.4439

Monochromacy



Original Color

53.2455, 31.2598, 49.1263



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

33.8904, 27.4276, 37.2261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2455, 31.2598, 49.1263 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, 85, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 185)  
}
```

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, 85, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 185) }
```

Border

The CSS property to change the border of an element to XYZ 53.2455, 31.2598, 49.1263 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, 85, 185) }
```


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

```
.border{ border-color:rgb(255, 85, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 85, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2455, 31.2598, 49.1263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 185) }
```

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

```
.background{ background-color: rgb(255, 85,  
185) }
```

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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