

Converting Colors

XYZ(70.2196, 41.7569, 26.7462)

Have a look what the booklet for
XYZ(70.2196, 41.7569, 26.7462)
contains.

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Color

**XYZ(49.6353, 31.1656,
25.9538)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5F86
RGB	255, 95, 134
RGB Percent	100%, 37%, 53%
CMY	0.0000, 0.6274, 0.4745
CMYK	0.00, 0.63, 0.47, 0.00
HSL	345°, 100%, 69%
HSV	345°, 63%, 100%
XYZ	49.6353, 31.1656, 25.9538
YIQ	147.2860, 82.8410, 46.0490

Conversions

Conversions Part 2

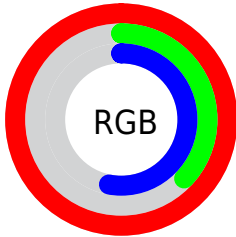
Format	Color
R _Y B	255, 95, 134
Decimal	16736134
CIE Lab	62.65, 63.65, 11.59
CIE LCh	63, 64.694, 10.322
Yxy	31.1656, 0.4649, 0.2919
Android (android.graphics.Color)	4294926214 (0xFFFF5F86)
YUV	147.2860, -6.5500, 94.4652
Hunter-Lab	55.8262, 61.0094, 11.5142

Details

The XYZ color **49.6353, 31.1656, 25.9538** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **52.8760, 78.9116, 77.4160**, and the grayscale version is **27.8551, 29.3057, 31.9139**.

A 20% lighter version of the original color is **61.4379, 47.3043, 52.9062**, and **24.0963, 12.9219, 9.8185** is the 20% darker color. If you saturate the color by 10%, you get **46.4777, 26.8104, 18.8592**, and if you desaturate by 10%, it is **53.7913, 37.1251, 34.5918**.

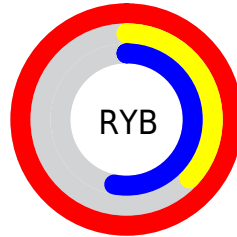
Distribution



Red (100%)

Green (37%)

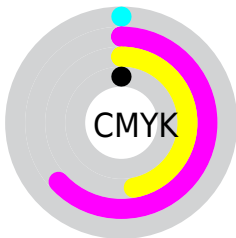
Blue (53%)



Red (100%)

Yellow (37%)

Blue (53%)

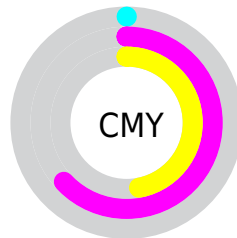


Cyan (0%)

Magenta (63%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6353, 31.1656, 25.9538 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 49.6353, 31.1656, 25.9538 by changing the saturation by 10% instead.


 49.6353, 31.1656,
25.9538


 49.6353, 31.1656,
25.9538


375.7136,
307.3005, 296.1535

 35.3403, 20.7250,
16.5636


 88.8293, 61.5007,
54.1836


 24.0929, 12.9231,
9.7652


 114.4591, 82.1640,
73.8603

 15.5276, 7.3756,
5.1400


 144.5979,
107.0036, 97.8028

 9.2792, 3.6981,
2.2695

 179.6109,
136.4039, 126.4299

 4.9823, 1.5062,
0.7140

219.8637,
170.7494, 160.1599

 2.2716, 0.2931,
0.0000

265.7215,

 0.7800, 0.0000,

210.4244, 199.4115

0.0000

317.5497,
255.8133, 244.6032

■ 0.0000, 0.0000,
0.0000

■ 49.6353, 31.1656,
25.9538

■ 49.6353, 31.1656,
25.9538

■ 46.4777, 26.8104,
18.8592

■ 53.7913, 37.1251,
34.5918

■ 44.2261, 23.8961,
13.2107

■ 59.0217, 44.8211,
44.8587

■ 42.7741, 22.2331,
8.9009

■ 65.3978, 54.3780,
56.8352

■ 42.1135, 21.6094,
6.5299

■ 72.9840, 65.9069,
70.5961

■ 81.8397, 79.5106,
86.2117

92.0205, 95.2845,
103.7483

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.



48.6322, 31.1656, 53.0570



49.6353, 31.1656, 25.9538



44.5245, 31.1656, 11.2095

Triad

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



49.6353, 31.1656, 25.9538



19.9473, 31.1656, 8.7402



24.2705, 31.1656, 103.2893

Complementary

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



49.6353, 31.1656, 25.9538



52.8760, 78.9116, 77.4160

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.



18.4821, 31.1656, 76.0644



49.6353, 31.1656, 25.9538



16.3508, 31.1656, 20.0660

Square

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



49.6353, 31.1656, 25.9538



26.6858, 31.1656, 5.0698



15.8738, 31.1656, 43.4023



32.7659, 31.1656, 107.6556

Rectangle

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



49.6353, 31.1656, 25.9538



38.8372, 31.1656, 6.8105



15.8738, 31.1656, 43.4023



21.9936, 31.1656, 96.0417

Sweetspot

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



49.6361, 31.1673, 25.9543



76.1457, 70.7486, 76.2180



50.1680, 29.8535, 97.7257



15.7775, 14.3452, 15.3888



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.



49.6361, 31.1673, 25.9543



45.8934, 26.0323, 17.4607



51.9708, 39.4162, 15.6976



18.1909, 18.0597, 19.6222



22.0540, 11.3109, 3.6691



2.1882, 1.1177, 0.5726

Inverse Universe

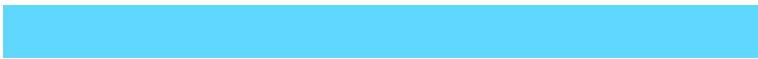
The Inverse Universe completely reimagines the original color for something new.



49.6361, 31.1673, 25.9543



45.8934, 26.0323, 17.4607



47.0712, 58.2554, 103.3711



18.1909, 18.0597, 19.6222



22.0540, 11.3109, 3.6691



2.1882, 1.1177, 0.5726

Previews

White Background



This preview shows how the XYZ color 49.6353, 31.1656, 25.9538 looks on a white background.

Color Contrast Check

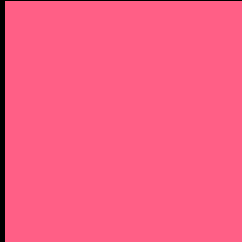
Large Text (above 18pt) WCAG AA × Fail

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 49.6353, 31.1656, 25.9538 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 49.6353, 31.1656, 25.9538

Background



This preview shows how black text looks on a background with the XYZ color 49.6353, 31.1656, 25.9538.



This preview shows how white text looks on a background with the XYZ color 49.6353, 31.1656,

25.9538.

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

49.6353, 31.1656, 25.9538

Protanopia

30.5299, 31.3929, 39.5723

Deuteranopia

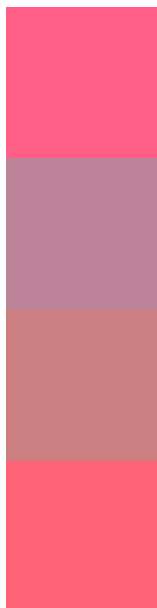
31.7240, 31.1781, 24.0846



Tritanopia

47.7190, 31.0585, 17.3897

Trichromacy



Original Color

49.6353, 31.1656, 25.9538

Protanomaly

34.8523, 29.3513, 33.9654

Deuteranomaly

36.4537, 29.6011, 24.5611

Tritanomaly

48.4516, 31.0905, 20.2770

Monochromacy



Original Color

49.6353, 31.1656, 25.9538

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

32.8514, 27.8304, 29.2315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6353, 31.1656, 25.9538 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, 95, 134)` looks like.

```
.text, #text, p{  
  color:rgb(255, 95, 134)  
}
```

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, 95, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 134) }
```

Border

The CSS property to change the border of an element to XYZ 49.6353, 31.1656, 25.9538 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, 95, 134) }
```


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

```
.border{ border-color:rgb(255, 95, 134) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6353, 31.1656, 25.9538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 134) }
```

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

```
.background{ background-color: rgb(255, 95,  
134) }
```

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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