

Converting Colors

XYZ(48.8740, 29.1930, 31.6194)

Have a look what the booklet for
XYZ(48.8740, 29.1930, 31.6194)
contains.

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Color

**XYZ(48.6630, 29.0519,
31.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	FC5395
RGB	252, 83, 149
RGB Percent	99%, 33%, 58%
CMY	0.0118, 0.6745, 0.4157
CMYK	0.00, 0.67, 0.41, 0.01
HSL	337°, 97%, 66%
HSV	337°, 67%, 99%
XYZ	48.6630, 29.0519, 31.4765
YIQ	141.0550, 79.5380, 56.3540

Conversions

Conversions Part 2

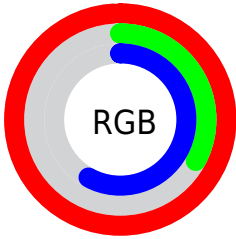
Format	Color
R _Y B	252, 83, 149
Decimal	16536469
CIE Lab	60.83, 68.84, 0.22
CIE LCh	61, 68.845, 0.182
Yxy	29.0519, 0.4457, 0.2661
Android (android.graphics.Color)	4294726549 (0xFFFC5395)
YUV	141.0550, 3.9169, 97.2988
Hunter-Lab	53.8998, 66.8326, 3.1056

Details

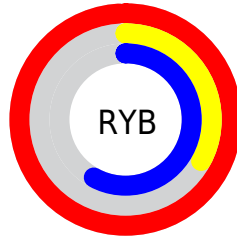
The XYZ color **48.6630, 29.0519, 31.4765** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **47.2426, 75.0059, 58.4475**, and the grayscale version is **25.3038, 26.6216, 28.9909**.

A 20% lighter version of the original color is **61.6925, 44.9178, 61.9184**, and **23.4873, 11.8480, 12.8534** is the 20% darker color. If you saturate the color by 10%, you get **45.9265, 25.4137, 24.9080**, and if you desaturate by 10%, it is **52.2631, 34.1584, 39.1313**.

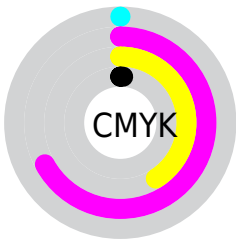
Distribution



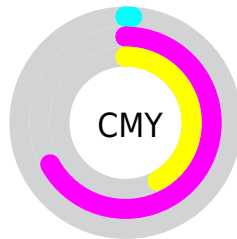
- Red (99%)
- Green (33%)
- Blue (58%)



- Red (99%)
- Yellow (33%)
- Blue (58%)



- Cyan (0%)
- Magenta (67%)
- Yellow (41%)
- Black (1%)





- Cyan (1%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6630, 29.0519, 31.4765 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 48.6630, 29.0519, 31.4765 by changing the saturation by 10% instead.


 48.6630, 29.0519,
31.4765


 48.6630, 29.0519,
31.4765


371.9531,
297.4598, 323.1465


 34.5657, 19.1201,
20.7005


 87.3945, 58.1595,
63.0778


 23.4934, 11.7571,
12.7161


 112.7593, 78.1041,
84.7402

 15.0810, 6.5785,
7.1049


 142.6107,
102.1551, 110.8685

 8.9629, 3.1999,
3.4484

 177.3139,
130.6969, 141.8811

 4.7739, 1.2370,
1.3279

217.2345,
164.1139, 178.1967

 2.1486, 0.0916,
0.0845

262.7376,

 0.7154, 0.0000,

202.7904, 220.2338

0.0000

314.1887,
247.1109, 268.4108

■ 0.0000, 0.0000,
0.0000

■ 48.6630, 29.0519,
31.4765

■ 48.6630, 29.0519,
31.4765

■ 45.9265, 25.4137,
24.9080

■ 52.2631, 34.1584,
39.1313

■ 43.9648, 23.0764,
19.3644

■ 56.7984, 40.8669,
47.9248


■ 42.6696, 21.8340,
14.7769


■ 62.3354, 49.3016,
57.9072

■ 42.3687, 21.5850,
13.5892

■ 68.9336, 59.5727,
69.1249

■ 76.6476, 71.7813,
81.6215

 85.5283, 86.0212,
95.4381

 93.9549, 99.4355,
108.8487

Harmonies

Analogous

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



45.4117, 29.0519, 63.0423



48.6630, 29.0519, 31.4765



45.3357, 29.0519, 12.7512

Triad

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



48.6630, 29.0519, 31.4765



19.8282, 29.0519, 5.2836



19.9042, 29.0519, 96.6208

Complementary

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



48.6630, 29.0519, 31.4765



47.2426, 75.0059, 58.4475

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.



15.2410, 29.0519, 63.4721



48.6630, 29.0519, 31.4765



15.2043, 29.0519, 12.8995

Square

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



48.6630, 29.0519, 31.4765



27.5584, 29.0519, 3.5041



13.7235, 29.0519, 31.7892



27.6676, 29.0519, 111.0292

Rectangle

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



48.6630, 29.0519, 31.4765



40.1743, 29.0519, 6.8601



13.7235, 29.0519, 31.7892



17.9879, 29.0519, 86.6507

Sweetspot

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



48.6638, 29.0535, 31.4770



76.2759, 69.8230, 79.9179



40.5289, 23.4567, 94.4870



15.8447, 14.1823, 16.3278



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.



48.6638, 29.0535, 31.4770



46.4977, 25.2572, 23.7771



46.2551, 30.4171, 11.6189



17.5252, 17.3375, 19.3556



22.1374, 11.2707, 7.4321



2.1006, 1.0640, 0.9533

Inverse Universe

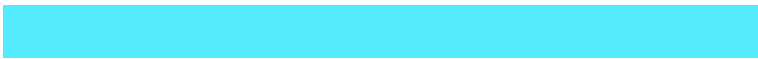
The Inverse Universe completely reimagines the original color for something new.



48.6638, 29.0535, 31.4770



46.4977, 25.2572, 23.7771



50.8762, 68.3423, 102.6054



17.5252, 17.3375, 19.3556



22.1374, 11.2707, 7.4321



2.1006, 1.0640, 0.9533

Previews

White Background



This preview shows how the XYZ color 48.6630, 29.0519, 31.4765 looks on a white background.

Color Contrast Check

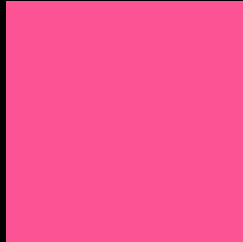
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6630, 29.0519, 31.4765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

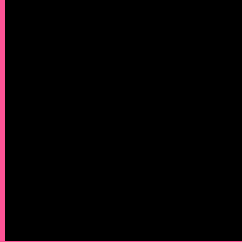
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.6630, 29.0519, 31.4765

Background



This preview shows how black text looks on a background with the XYZ color 48.6630, 29.0519, 31.4765.



This preview shows how white text looks on a background with the XYZ color 48.6630, 29.0519,

31.4765.

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

48.6630, 29.0519, 31.4765

Protanopia

29.4019, 29.3799, 51.1349

Deuteranopia

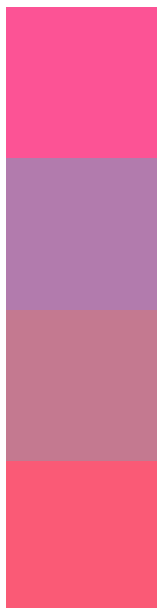
29.7906, 29.1616, 29.2579



Tritanopia

45.3699, 29.0652, 15.2755

Trichromacy



Original Color

48.6630, 29.0519, 31.4765

Protanomaly

32.9859, 26.6480, 42.9402

Deuteranomaly

34.6364, 27.4241, 29.8534

Tritanomaly

46.3505, 28.9443, 20.2834

Monochromacy



Original Color

48.6630, 29.0519, 31.4765

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

30.8066, 25.2703, 29.6395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6630, 29.0519, 31.4765 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(252, 83, 149)` looks like.

```
.text, #text, p{  
    color:rgb(252, 83, 149)  
}
```

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(252, 83, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 83, 149) }
```

Border

The CSS property to change the border of an element to XYZ 48.6630, 29.0519, 31.4765 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(252, 83, 149) }
```


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

```
.border{ border-color:rgb(252, 83, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 83, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 83, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 83, 149);  
box-shadow:4px 4px 4px 4px rgb(252, 83,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6630, 29.0519, 31.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 83, 149) }
```

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

```
.background{ background-color: rgb(252, 83,  
149) }
```

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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