

Converting Colors

XYZ(41.4873, 26.4268, 31.2856)

Have a look what the booklet for
XYZ(41.4873, 26.4268, 31.2856)
contains.

XYZ(41.5651, 26.4822, 31.3546)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.5651, 26.4822,
31.3546)**

Conversions

Conversions Part 1

Format	Color
Hex	E55C95
RGB	229, 92, 149
RGB Percent	90%, 36%, 58%
CMY	0.1020, 0.6392, 0.4157
CMYK	0.00, 0.60, 0.35, 0.10
HSL	335°, 72%, 63%
HSV	335°, 60%, 90%
XYZ	41.5651, 26.4822, 31.3546
YIQ	139.4610, 63.3550, 46.7710

Conversions

Conversions Part 2

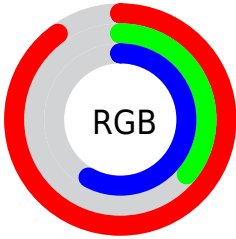
Format	Color
R _Y B	229, 92, 149
Decimal	15031445
CIE Lab	58.49, 58.43, -3.64
CIE LCh	58, 58.546, 356.438
Yxy	26.4822, 0.4182, 0.2664
Android (android.graphics.Color)	4293221525 (0xFFE55C95)
YUV	139.4610, 4.7027, 78.5257
Hunter-Lab	51.4609, 54.1185, -0.1022

Details

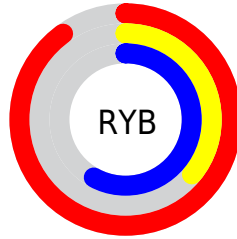
The XYZ color **41.5651, 26.4822, 31.3546** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **39.8809, 61.2933, 48.7622**, and the grayscale version is **24.6847, 25.9702, 28.2815**.

A 20% lighter version of the original color is **62.6094, 46.7516, 62.2240**, and **19.2722, 10.4079, 12.5484** is the 20% darker color. If you saturate the color by 10%, you get **38.8654, 22.6945, 25.4861**, and if you desaturate by 10%, it is **44.9882, 31.5204, 38.0696**.

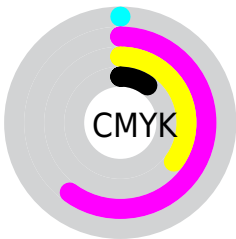
Distribution



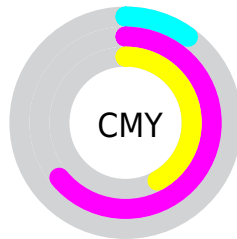
- Red (90%)
- Green (36%)
- Blue (58%)



- Red (90%)
- Yellow (36%)
- Blue (58%)



- Cyan (0%)
- Magenta (60%)
- Yellow (35%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5651, 26.4822, 31.3546 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 41.5651, 26.4822, 31.3546 by changing the saturation by 10% instead.


 41.5651, 26.4822,
31.3546


 41.5651, 26.4822,
31.3546


343.6993,
285.1412, 322.5703


 28.9505, 17.1847,
20.6083


 76.8103, 54.0518,
62.8840


 19.1875, 10.3663,
12.6495


 100.1716, 73.0928,
84.5042

 11.9106, 5.6425,
7.0598

 127.8459, 96.1504,
110.5861

 6.7546, 2.6289,
3.4205

 160.1985,
123.6089, 141.5483

 3.3541, 0.9412,
1.3131

197.5948,
155.8529, 177.8093

 1.3437, 0.0000,
0.0725

240.4002,

 0.2155, 0.0000,

193.2667, 219.7876

0.0000

288.9799,
236.2346, 267.9017

■ 0.0000, 0.0000,
0.0000

■ 41.5651, 26.4822,
31.3546

■ 41.5651, 26.4822,
31.3546

■ 38.8654, 22.6945,
25.4861

■ 44.9882, 31.5204,
38.0696

■ 36.8270, 20.0398,
20.4223

■ 49.1855, 37.9044,
45.6668

■ 35.3797, 18.3847,
16.1185

■ 54.2053, 45.7250,
54.1809

■ 34.4064, 17.5024,
12.5130

■ 60.0913, 55.0638,
63.6444

■ 34.3911, 17.4892,
12.4543

■ 66.8841, 65.9964,
74.0878

■ 74.6216, 78.5930,
85.5402

■ 83.3393, 92.9198,
98.0293

■ 86.1232, 95.3981,
108.4822

Harmonies

Analogous

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



38.4753, 26.4822, 56.5896



41.5651, 26.4822, 31.3546



39.6216, 26.4822, 14.6004

Triad

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



41.5651, 26.4822, 31.3546



19.5246, 26.4822, 5.9773



18.3002, 26.4822, 75.7546

Complementary

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



41.5651, 26.4822, 31.3546



39.8809, 61.2933, 48.7622

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.



14.7452, 26.4822, 50.1951



41.5651, 26.4822, 31.3546



15.3523, 26.4822, 12.0671

Square

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



41.5651, 26.4822, 31.3546



26.0357, 26.4822, 4.6686



13.7777, 26.4822, 26.4534



24.3247, 26.4822, 88.8118

Rectangle

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



41.5651, 26.4822, 31.3546



35.9013, 26.4822, 8.6601



13.7777, 26.4822, 26.4534



16.8244, 26.4822, 67.8860

Sweetspot

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



41.5658, 26.4836, 31.3551



78.0958, 72.5223, 83.4235



34.9664, 22.0743, 76.5468



16.2075, 14.7100, 17.0586



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.



41.5658, 26.4836, 31.3551



48.8469, 27.9488, 30.7472



39.1378, 27.2159, 13.3173



14.6244, 14.4670, 16.2226



19.7199, 10.0222, 7.4199



1.5026, 0.7588, 0.7873

Inverse Universe

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



41.5658, 26.4836, 31.3551



48.8469, 27.9488, 30.7472



43.5210, 57.8603, 83.0033



14.6244, 14.4670, 16.2226



19.7199, 10.0222, 7.4199



1.5026, 0.7588, 0.7873

Previews

White Background



This preview shows how the XYZ color 41.5651, 26.4822, 31.3546 looks on a white background.

Color Contrast Check

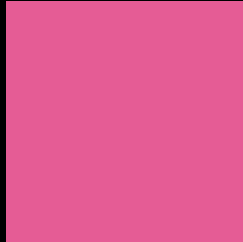
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5651, 26.4822, 31.3546 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 41.5651, 26.4822, 31.3546

Background



This preview shows how black text looks on a background with the XYZ color 41.5651, 26.4822, 31.3546.



This preview shows how white text looks on a background with the XYZ color 41.5651, 26.4822,

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

41.5651, 26.4822, 31.3546

Protanopia

26.8748, 26.8361, 46.4113

Deuteranopia

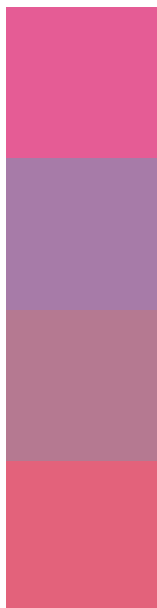
27.1546, 26.7143, 29.3164



Tritanopia

38.7245, 26.5588, 17.2727

Trichromacy



Original Color

41.5651, 26.4822, 31.3546

Protanomaly

30.0872, 25.2086, 40.3258

Deuteranomaly

31.0043, 25.5428, 30.0842

Tritanomaly

39.6214, 26.4963, 21.7649

Monochromacy



Original Color

41.5651, 26.4822, 31.3546

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.9307, 24.6729, 29.2241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5651, 26.4822, 31.3546 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(229, 92, 149)` looks like.

```
.text, #text, p{  
  color:rgb(229, 92, 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(229, 92, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 92, 149) }
```

Border

The CSS property to change the border of an element to XYZ 41.5651, 26.4822, 31.3546 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(229, 92, 149) }
```


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

```
.border{ border-color:rgb(229, 92, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 92, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 92, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 92, 149);  
box-shadow:4px 4px 4px 4px rgb(229, 92,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5651, 26.4822, 31.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 92, 149) }
```

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

```
.background{ background-color: rgb(229, 92,  
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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