

Converting Colors

XYZ(41.1461, 25.6443, 31.2150)

Have a look what the booklet for
XYZ(41.1461, 25.6443, 31.2150)
contains.

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Color

**XYZ(41.1461, 25.6443,
31.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	E55795
RGB	229, 87, 149
RGB Percent	90%, 34%, 58%
CMY	0.1020, 0.6588, 0.4157
CMYK	0.00, 0.62, 0.35, 0.10
HSL	334°, 73%, 62%
HSV	334°, 62%, 90%
XYZ	41.1461, 25.6443, 31.2150
YIQ	136.5260, 64.7300, 49.3860

Conversions

Conversions Part 2

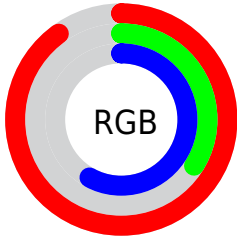
Format	Color
R _Y B	229, 87, 149
Decimal	15030165
CIE Lab	57.70, 60.58, -4.81
CIE LCh	58, 60.767, 355.460
Yxy	25.6443, 0.4198, 0.2617
Android (android.graphics.Color)	4293220245 (0xFFE55795)
YUV	136.5260, 6.1497, 81.0997
Hunter-Lab	50.6402, 56.4142, -1.0987

Details

The XYZ color **41.1461, 25.6443, 31.2150** 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 **38.9263, 60.8556, 46.2575**, and the grayscale version is **23.5608, 24.7878, 26.9939**.

A 20% lighter version of the original color is **61.8420, 45.2167, 61.9682**, and **18.8537, 9.8907, 12.4707** is the 20% darker color. If you saturate the color by 10%, you get **38.6036, 22.1174, 25.5638**, and if you desaturate by 10%, it is **44.3921, 30.3952, 37.6642**.

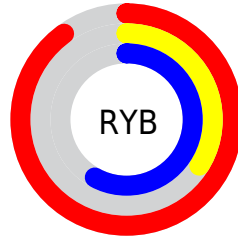
Distribution



Red (90%)

Green (34%)

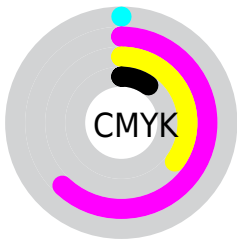
Blue (58%)



Red (90%)

Yellow (34%)

Blue (58%)

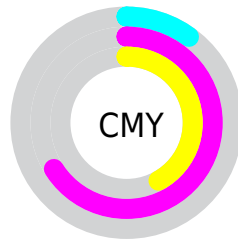


Cyan (0%)

Magenta (62%)

Yellow (35%)

Black (10%)



Cyan (10%)


Magenta (66%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1461, 25.6443, 31.2150 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 41.1461, 25.6443, 31.2150 by changing the saturation by 10% instead.

 41.1461, 25.6443,
31.2150


 41.1461, 25.6443,
31.2150


341.9830,
281.0316, 321.9094

 28.6214, 16.5577,
20.5028


 76.1789, 52.7006,
62.6619


 18.9375, 9.9197,
12.5734


 99.4178, 71.4390,
84.2338

 11.7288, 5.3457,
7.0082


 126.9588, 94.1636,
110.2625

 6.6302, 2.4515,
3.3887

 159.1673,
121.2586, 141.1668

 3.2762, 0.8522,
1.2964

196.4086,
153.1086, 177.3650

 1.3014, 0.0000,
0.0588

239.0481,

 0.1843, 0.0000,

190.0978, 219.2759

0.0000

287.4511,
232.6106, 267.3178

■ 0.0000, 0.0000,
0.0000

■ 41.1461, 25.6443,
31.2150

■ 41.1461, 25.6443,
31.2150

■ 38.6036, 22.1174,
25.5638

■ 44.3921, 30.3952,
37.6642

■ 36.7007, 19.6933,
20.6703

■ 48.3931, 36.4680,
44.9454


■ 35.3650, 18.2329,
16.4914


■ 53.1981, 43.9553,
53.0917


■ 34.6124, 17.5777,
13.6200


■ 58.8514, 52.9400,
62.1340

■ 65.3936, 63.4986,
72.1011

 72.8628, 75.7026,
83.0207

 81.2947, 89.6187,
94.9189

 85.6782, 95.2201,
106.1394

 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



37.8073, 25.6443, 57.3512



41.1461, 25.6443, 31.2150



39.3105, 25.6443, 13.9991

Triad

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



41.1461, 25.6443, 31.2150



18.8420, 25.6443, 5.1224



17.2723, 25.6443, 75.6271

Complementary

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



41.1461, 25.6443, 31.2150



38.9263, 60.8556, 46.2575

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.



13.8004, 25.6443, 48.9261



41.1461, 25.6443, 31.2150



14.5722, 25.6443, 10.8109

Square

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



41.1461, 25.6443, 31.2150



25.4983, 25.6443, 4.0006



12.9202, 25.6443, 24.8697



23.2835, 25.6443, 89.9200

Rectangle

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



41.1461, 25.6443, 31.2150



35.5606, 25.6443, 7.9960



12.9202, 25.6443, 24.8697



15.8205, 25.6443, 67.3140

Sweetspot

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



41.1468, 25.6456, 31.2155



77.4063, 71.2529, 82.8562



33.0903, 20.4853, 76.3388



16.0792, 14.4659, 16.9773



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.



41.1468, 25.6456, 31.2155



48.6055, 27.3515, 31.0197



38.0460, 25.3708, 11.9103



14.6370, 14.4720, 16.2889



19.8477, 10.0733, 8.0932



1.5126, 0.7628, 0.8401

Inverse Universe

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



41.1468, 25.6456, 31.2155



48.6055, 27.3515, 31.0197



44.1689, 59.8735, 83.3576



14.6370, 14.4720, 16.2889



19.8477, 10.0733, 8.0932



1.5126, 0.7628, 0.8401

Previews

White Background



This preview shows how the XYZ color 41.1461, 25.6443, 31.2150 looks on a white background.

Color Contrast Check

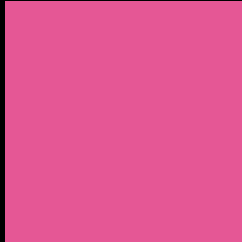
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1461, 25.6443, 31.2150 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 41.1461, 25.6443, 31.2150

Background



This preview shows how black text looks on a background with the XYZ color 41.1461, 25.6443, 31.2150.



This preview shows how white text looks on a background with the XYZ color 41.1461, 25.6443,

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

41.1461, 25.6443, 31.2150

Protanopia

26.1416, 25.7807, 47.8543

Deuteranopia

26.3090, 25.8602, 29.1961



Tritanopia

37.7742, 25.5362, 15.7700

Trichromacy



Original Color

41.1461, 25.6443, 31.2150



Protanomaly

29.1624, 23.9884, 41.1234



Deuteranomaly

30.1797, 24.5849, 29.9428



Tritanomaly

38.6685, 25.3535, 20.6250

Monochromacy



Original Color

41.1461, 25.6443, 31.2150



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

27.9821, 23.6628, 28.2919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1461, 25.6443, 31.2150 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, 87, 149)` looks like.

```
.text, #text, p{  
    color:rgb(229, 87, 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, 87, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 87, 149) }
```

Border

The CSS property to change the border of an element to XYZ 41.1461, 25.6443, 31.2150 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, 87, 149) }
```


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

```
.border{ border-color:rgb(229, 87, 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, 87, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 87, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 87, 149);  
box-shadow:4px 4px 4px 4px rgb(229, 87,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1461, 25.6443, 31.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 87, 149) }
```

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

```
.background{ background-color: rgb(229, 87,  
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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