

Converting Colors

XYZ(41.5507, 28.4537, 31.3191)

Have a look what the booklet for
XYZ(41.5507, 28.4537, 31.3191)
contains.

XYZ(41.5507, 28.4537, 31.3191)	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(41.5507, 28.4537,
31.3191)**

Conversions

Conversions Part 1

Format	Color
Hex	E16A94
RGB	225, 106, 148
RGB Percent	88%, 42%, 58%
CMY	0.1176, 0.5843, 0.4196
CMYK	0.00, 0.53, 0.34, 0.12
HSL	339°, 66%, 65%
HSV	339°, 53%, 88%
XYZ	41.5507, 28.4537, 31.3191
YIQ	146.3690, 57.4420, 38.2900

Conversions

Conversions Part 2

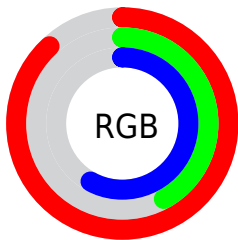
Format	Color
R _Y B	225, 106, 148
Decimal	14772884
CIE Lab	60.30, 50.61, -0.48
CIE LCh	60, 50.613, 359.461
Yxy	28.4537, 0.4101, 0.2808
Android (android.graphics.Color)	4292962964 (0xFFE16A94)
YUV	146.3690, 0.8041, 68.9594
Hunter-Lab	53.3420, 45.6939, 2.5280

Details

The XYZ color **41.5507, 28.4537, 31.3191** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.4178, 60.3343, 54.2659**, and the grayscale version is **27.4542, 28.8840, 31.4546**.

A 20% lighter version of the original color is **64.6455, 51.0140, 62.3166**, and **19.1585, 11.4448, 12.7546** is the 20% darker color. If you saturate the color by 10%, you get **38.4478, 23.9776, 24.9521**, and if you desaturate by 10%, it is **45.4084, 34.2070, 38.6534**.

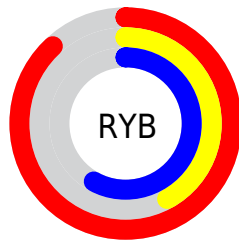
Distribution



Red (88%)

Green (42%)

Blue (58%)



Red (88%)

Yellow (42%)

Blue (58%)

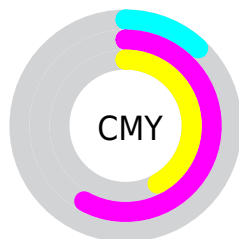


Cyan (0%)

Magenta (53%)

Yellow (34%)

Black (12%)



Cyan (12%)


Magenta (58%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5507, 28.4537, 31.3191 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 41.5507, 28.4537, 31.3191 by changing the saturation by 10% instead.


 41.5507, 28.4537,
31.3191


 41.5507, 28.4537,
31.3191


343.6404,
294.6286, 322.4023


 28.9392, 18.6679,
20.5815


 76.7886, 57.2080,
62.8276


 19.1789, 11.4306,
12.6302


 100.1457, 76.9453,
84.4355

 11.9044, 6.3572,
7.0466


 127.8155,
100.7686, 110.5039

 6.7503, 3.0635,
3.4124

 160.1631,
129.0623, 141.4513

 3.3514, 1.1650,
1.3089

197.5541,
162.2107, 177.6964

 1.3422, 0.0328,
0.0690

240.3538,

 0.2145, 0.0000,

200.5983, 219.6575

0.0000

288.9274,
244.6095, 267.7533

■ 0.0000, 0.0000,
0.0000

■ 41.5507, 28.4537,
31.3191

■ 41.5507, 28.4537,
31.3191

■ 38.4478, 23.9776,
24.9521

■ 45.4084, 34.2070,
38.6534

■ 36.0432, 20.6748,
19.5064

■ 50.0669, 41.3220,
46.9947

■ 34.2759, 18.4325,
14.9339

■ 55.5713, 49.8810,
56.3821

■ 33.0722, 17.1125,
11.1799

■ 61.9625, 59.9583,
66.8521

■ 32.4775, 16.5780,
8.9628

■ 69.2787, 71.6233,
78.4391

■ 77.5559, 84.9410,
91.1763

■ 84.0538, 94.4246,
104.1703

■ 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



39.2875, 28.4537, 52.9366



41.5507, 28.4537, 31.3191



39.4385, 28.4537, 16.5114

Triad

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



41.5507, 28.4537, 31.3191



21.3562, 28.4537, 9.1106



21.1828, 28.4537, 73.1157

Complementary

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



41.5507, 28.4537, 31.3191



41.4178, 60.3343, 54.2659

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.



17.5641, 28.4537, 52.1076



41.5507, 28.4537, 31.3191



17.6524, 28.4537, 16.1311

Square

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



41.5507, 28.4537, 31.3191



27.1621, 28.4537, 7.2155



16.3812, 28.4537, 30.6458



26.9270, 28.4537, 82.2633

Rectangle

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



41.5507, 28.4537, 31.3191



35.9993, 28.4537, 10.9764



16.3812, 28.4537, 30.6458



19.7132, 28.4537, 66.8793

Sweetspot

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



41.5515, 28.4552, 31.3196



79.4241, 75.0892, 84.1429



37.8881, 25.6141, 74.1815



16.6196, 15.4717, 17.3884



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.



41.5515, 28.4552, 31.3196



50.8635, 31.5636, 32.7089



40.5972, 30.9361, 17.4690



13.9060, 13.7800, 15.2752



18.7653, 9.5731, 5.4298



1.3422, 0.6802, 0.5949

Inverse Universe

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



41.5515, 28.4552, 31.3196



50.8635, 31.5636, 32.7089



42.3688, 54.1678, 79.4568



13.9060, 13.7800, 15.2752



18.7653, 9.5731, 5.4298



1.3422, 0.6802, 0.5949

Previews

White Background



This preview shows how the XYZ color 41.5507, 28.4537, 31.3191 looks on a white background.

Color Contrast Check

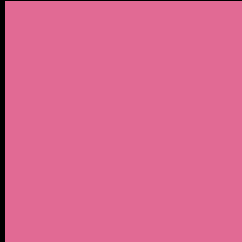
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5507, 28.4537, 31.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

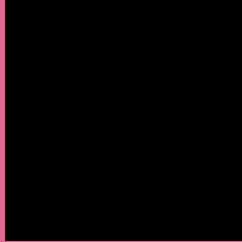
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.5507, 28.4537, 31.3191

Background



This preview shows how black text looks on a background with the XYZ color 41.5507, 28.4537, 31.3191.



This preview shows how white text looks on a background with the XYZ color 41.5507, 28.4537,

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

41.5507, 28.4537, 31.3191

Protanopia

28.5563, 28.8921, 43.1014

Deuteranopia

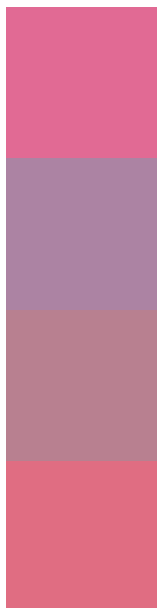
29.1053, 28.5798, 29.5736



Tritanopia

39.4456, 28.3888, 20.8533

Trichromacy



Original Color

41.5507, 28.4537, 31.3191

Protanomaly

31.7404, 27.6476, 38.3139

Deuteranomaly

32.5204, 27.6423, 30.0070

Tritanomaly

40.2384, 28.3963, 24.4793

Monochromacy



Original Color

41.5507, 28.4537, 31.3191

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

31.0620, 27.4531, 31.2656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5507, 28.4537, 31.3191 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(225, 106, 148)` looks like.

```
.text, #text, p{  
    color:rgb(225, 106, 148)  
}
```

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(225, 106, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 106, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.5507, 28.4537, 31.3191 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(225, 106, 148) }
```


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

```
.border{ border-color:rgb(225, 106, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 106, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 106, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 106, 148);  
box-shadow:4px 4px 4px 4px rgb(225, 106,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5507, 28.4537, 31.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 106, 148) }
```

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

```
.background{ background-color: rgb(225,  
106, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor