

Converting Colors

XYZ(41.8556, 29.5225, 34.7466)

Have a look what the booklet for
XYZ(41.8556, 29.5225, 34.7466)
contains.

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Color

**XYZ(41.9191, 29.5182,
34.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	DE709C
RGB	222, 112, 156
RGB Percent	87%, 44%, 61%
CMY	0.1294, 0.5608, 0.3882
CMYK	0.00, 0.50, 0.30, 0.13
HSL	336°, 62%, 65%
HSV	336°, 50%, 87%
XYZ	41.9191, 29.5182, 34.9407
YIQ	149.9060, 51.4360, 37.0040

Conversions

Conversions Part 2

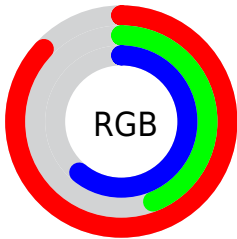
Format	Color
RYB	222, 112, 156
Decimal	14577820
CIELab	61.24, 47.68, -3.76
CIElCh	61, 47.826, 355.490
Yxy	29.5182, 0.3941, 0.2775
Android (android.graphics.Color)	4292767900 (0xFFDE709C)
YUV	149.9060, 3.0043, 63.2264
Hunter-Lab	54.3307, 42.6440, -0.0987

Details

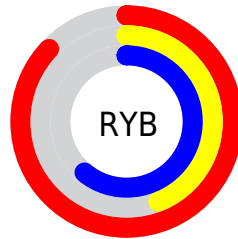
The XYZ color **41.9191, 29.5182, 34.9407** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.8407, 58.9024, 51.3393**, and the grayscale version is **28.9228, 30.4291, 33.1373**.

A 20% lighter version of the original color is **66.6916, 53.5506, 67.7940**, and **19.4236, 12.0404, 14.6649** is the 20% darker color. If you saturate the color by 10%, you get **38.6978, 24.7828, 28.6037**, and if you desaturate by 10%, it is **45.8695, 35.5136, 42.1317**.

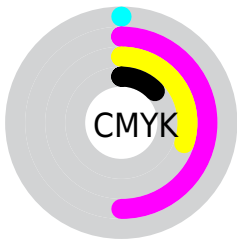
Distribution



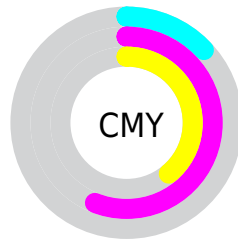
- Red (87%)
- Green (44%)
- Blue (61%)



- Red (87%)
- Yellow (44%)
- Blue (61%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9191, 29.5182, 34.9407 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 41.9191, 29.5182, 34.9407 by changing the saturation by 10% instead.


 41.9191, 29.5182,
34.9407

 41.9191, 29.5182,
34.9407


345.1448,
299.6522, 339.2028


 29.2288, 19.4732,
23.3340


 77.3431, 58.8994,
68.5444


 19.3991, 12.0127,
14.6327


 100.8075, 79.0044,
91.3785

 12.0647, 6.7523,
8.4183


 128.5940,
103.2314, 118.7922

 6.8603, 3.3077,
4.2722

 161.0679,
131.9650, 151.2040

 3.4204, 1.2944,
1.7758

198.5945,
165.5895, 189.0324

 1.3798, 0.1369,
0.4119

241.5393,

 0.2418, 0.0000,

204.4892, 232.6960

0.0000

290.2677,
249.0487, 282.6133

■ 0.0000, 0.0000,
0.0000

■ 41.9191, 29.5182,
34.9407

■ 41.9191, 29.5182,
34.9407

■ 38.6978, 24.7828,
28.6037

■ 45.8695, 35.5136,
42.1317

■ 36.1540, 21.2110,
23.0830

■ 50.5910, 42.8472,
50.2085

■ 34.2329, 18.6994,
18.3399


■ 56.1251, 51.5961,
59.2032


■ 32.8688, 17.1243,
14.3309


■ 62.5095, 61.8302,
69.1455


■ 31.9551, 16.2794,
10.9970

■ 69.7796, 73.6147,
80.0637

 31.9188, 16.2474,
10.8596

 77.9685, 87.0111,
91.9849

 83.0214, 93.9045,
103.5729

 83.9343, 94.2696,
108.3798

Harmonies

Analogous

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



39.2461, 29.5182, 56.0222



41.9191, 29.5182, 34.9407



40.4473, 29.5182, 19.4220

Triad

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



41.9191, 29.5182, 34.9407



23.1675, 29.5182, 9.9203



21.7482, 29.5182, 69.9544

Complementary

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



41.9191, 29.5182, 34.9407



40.8407, 58.9024, 51.3393

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.



18.4957, 29.5182, 49.4656



41.9191, 29.5182, 34.9407



19.2253, 29.5182, 16.2424

Square

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



41.9191, 29.5182, 34.9407



29.0177, 29.5182, 8.5031



17.6459, 29.5182, 29.4937



27.1161, 29.5182, 80.4980

Rectangle

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



41.9191, 29.5182, 34.9407



37.4151, 29.5182, 13.2299



17.6459, 29.5182, 29.4937



20.4046, 29.5182, 63.7007

Sweetspot

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



41.9199, 29.5197, 34.9413



80.5609, 76.5859, 86.9169



37.3404, 26.3289, 72.2213



16.8548, 15.7710, 17.9947



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.



41.9199, 29.5197, 34.9413



53.0125, 33.9784, 39.2310



40.1329, 30.8669, 19.1737



13.9332, 13.7909, 15.4185



19.0106, 9.6712, 6.7214



1.3611, 0.6877, 0.6942

Inverse Universe

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



41.9199, 29.5197, 34.9413



53.0125, 33.9784, 39.2310



43.1622, 55.3080, 77.5080



13.9332, 13.7909, 15.4185



19.0106, 9.6712, 6.7214



1.3611, 0.6877, 0.6942

Previews

White Background



This preview shows how the XYZ color 41.9191, 29.5182, 34.9407 looks on a white background.

Color Contrast Check

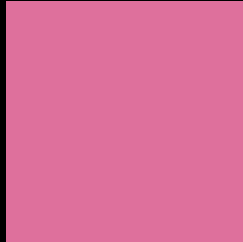
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9191, 29.5182, 34.9407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

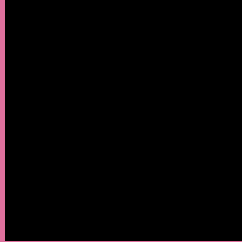
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.9191, 29.5182, 34.9407

Background



This preview shows how black text looks on a background with the XYZ color 41.9191, 29.5182, 34.9407.



This preview shows how white text looks on a background with the XYZ color 41.9191, 29.5182,

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

41.9191, 29.5182, 34.9407

Protanopia

29.6249, 29.8326, 46.3163

Deuteranopia

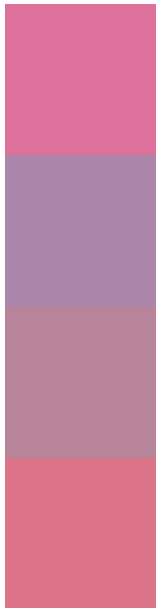
30.2571, 29.7580, 33.4273



Tritanopia

39.4577, 29.5233, 23.3576

Trichromacy



Original Color

41.9191, 29.5182, 34.9407

Protanomaly

32.5754, 28.6104, 41.8357

Deuteranomaly

33.5295, 28.8697, 33.9422

Tritanomaly

40.2759, 29.5126, 27.2406

Monochromacy



Original Color

41.9191, 29.5182, 34.9407

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.3762, 29.1054, 33.6173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9191, 29.5182, 34.9407 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(222, 112, 156)` looks like.

```
.text, #text, p{  
    color:rgb(222, 112, 156)  
}
```

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(222, 112, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 112, 156) }
```

Border

The CSS property to change the border of an element to XYZ 41.9191, 29.5182, 34.9407 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(222, 112, 156) }
```


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

```
.border{ border-color:rgb(222, 112, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 112, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 112, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 112, 156);  
box-shadow:4px 4px 4px 4px rgb(222, 112,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9191, 29.5182, 34.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 112, 156) }
```

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

```
.background{ background-color: rgb(222,  
112, 156) }
```

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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