

Converting Colors

XYZ(34.2862, 18.4187, 29.4343)

Have a look what the booklet for
XYZ(34.2862, 18.4187, 29.4343)
contains.

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Color

**XYZ(34.1915, 18.3550,
29.3445)**

Conversions

Conversions Part 1

Format	Color
Hex	D72C93
RGB	215, 44, 147
RGB Percent	84%, 17%, 58%
CMY	0.1569, 0.8274, 0.4235
CMYK	0.00, 0.80, 0.32, 0.16
HSL	324°, 68%, 51%
HSV	324°, 80%, 84%
XYZ	34.1915, 18.3550, 29.3445
YIQ	106.8710, 68.8530, 68.2850

Conversions

Conversions Part 2

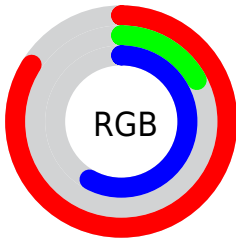
Format	Color
R _Y B	215, 44, 147
Decimal	14101651
CIE Lab	49.92, 71.45, -15.53
CIE LCh	50, 73.114, 347.740
Yxy	18.3550, 0.4175, 0.2241
Android (android.graphics.Color)	4292291731 (0xFFD72C93)
YUV	106.8710, 19.7836, 94.8291
Hunter-Lab	42.8427, 67.4807, -10.6199

Details

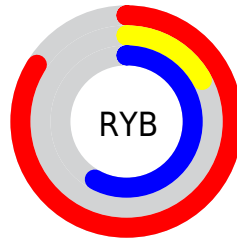
The XYZ color **34.1915, 18.3550, 29.3445** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **28.2651, 50.3069, 23.5533**, and the grayscale version is **13.8747, 14.5972, 15.8964**.

A 20% lighter version of the original color is **57.2513, 36.4143, 59.2695**, and **15.6289, 7.8131, 11.7507** is the 20% darker color. If you saturate the color by 10%, you get **32.9413, 16.8888, 25.7396**, and if you desaturate by 10%, it is **35.9070, 20.6719, 33.3509**.

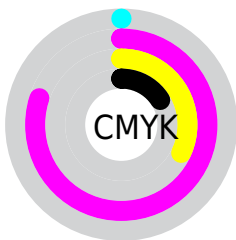
Distribution



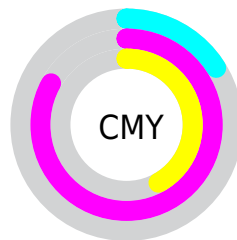
- Red (84%)
- Green (17%)
- Blue (58%)



- Red (84%)
- Yellow (17%)
- Blue (58%)



- Cyan (0%)
- Magenta (80%)
- Yellow (32%)
- Black (16%)





- Cyan (16%)
- Magenta (83%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1915, 18.3550, 29.3445 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 34.1915, 18.3550, 29.3445 by changing the saturation by 10% instead.

 34.1915, 18.3550,
29.3445


 34.1915, 18.3550,
29.3445


312.5560,
242.8645, 312.9486


 23.2043, 11.2052,
19.0938


 65.5737, 40.6413,
59.6727


 14.8660, 6.2050,
11.5606


 86.6994, 56.5466,
80.5872


 8.8111, 2.9701,
6.3263


 111.9353, 76.1391,
105.8934

 4.6743, 1.1162,
2.9725

 141.6469, 99.8033,
136.0099

 2.0902, 0.0000,
1.0806

 176.1994,
127.9235, 171.3550

 0.6839, 0.0000,
0.0000

215.9581,

 0.0000, 0.0000,

160.8842, 212.3475

0.0000

261.2886,
199.0697, 259.4059

■ 34.1915, 18.3550,
29.3445

■ 34.1915, 18.3550,
29.3445

■ 32.9413, 16.8888,
25.7396

■ 35.9070, 20.6719,
33.3509

■ 32.0580, 16.0781,
22.4975

■ 38.1436, 23.9495,
37.7821

■ 32.0200, 16.0454,
22.3520

■ 40.9503, 28.2843,
42.6596

■ 44.3699, 33.7602,
48.0024

■ 48.4409, 40.4525,
53.8282

■ 53.1983, 48.4302,
60.1532

■ 58.6749, 57.7570,
66.9927

■ 64.9011, 68.4923,
74.3614

■ 71.9054, 80.6920,
82.2730

Harmonies

Analogous

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



29.4311, 18.3550, 58.7592



34.1915, 18.3550, 29.3445



33.6722, 18.3550, 10.3867

Triad

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



34.1915, 18.3550, 29.3445



13.6558, 18.3550, 1.1613



9.8663, 18.3550, 64.2751

Complementary

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



34.1915, 18.3550, 29.3445



28.2651, 50.3069, 23.5533

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.



7.5061, 18.3550, 34.1910



34.1915, 18.3550, 29.3445



9.2567, 18.3550, 3.6510

Square

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



34.1915, 18.3550, 29.3445



20.4645, 18.3550, 1.0240



7.3178, 18.3550, 12.8637



14.7397, 18.3550, 86.3274

Rectangle

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



34.1915, 18.3550, 29.3445



30.4090, 18.3550, 4.4537



7.3178, 18.3550, 12.8637



8.8164, 18.3550, 54.1064

Sweetspot

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



34.1921, 18.3560, 29.3448



74.8633, 65.5050, 84.0488



19.5424, 9.9953, 65.1895



15.4968, 13.1394, 17.2819



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.



34.1921, 18.3560, 29.3448



47.6093, 24.0329, 34.7759



29.8499, 16.6191, 6.4792



12.7342, 12.5452, 14.5404



19.2053, 9.6185, 13.6512



1.1987, 0.5963, 1.0357

Inverse Universe

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



34.1921, 18.3560, 29.3448



47.6093, 24.0329, 34.7759



35.1959, 53.0793, 60.0507



12.7342, 12.5452, 14.5404



19.2053, 9.6185, 13.6512



1.1987, 0.5963, 1.0357

Previews

White Background



This preview shows how the XYZ color 34.1915, 18.3550, 29.3445 looks on a white background.

Color Contrast Check

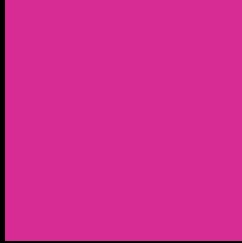
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.1915, 18.3550, 29.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

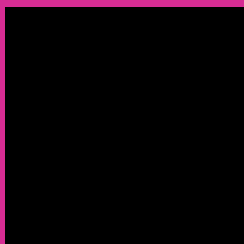
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1915, 18.3550, 29.3445

Background



This preview shows how black text looks on a background with the XYZ color 34.1915, 18.3550, 29.3445.



This preview shows how white text looks on a background with the XYZ color 34.1915, 18.3550,

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

34.1915, 18.3550, 29.3445

Protanopia

20.3921, 18.7782, 55.9759

Deuteranopia

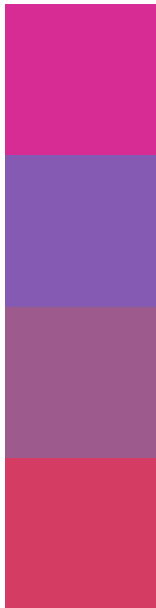
18.8589, 18.4633, 26.6146



Tritanopia

29.9091, 18.4389, 8.2860

Trichromacy



Original Color

34.1915, 18.3550, 29.3445

Protanomaly

21.4657, 15.5535, 44.5186

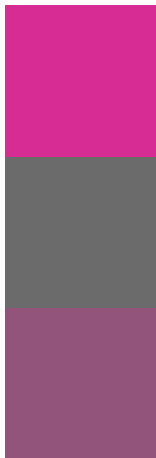
Deuteranomaly

22.1742, 16.3033, 27.1775

Tritanomaly

31.0675, 18.1489, 13.9222

Monochromacy



Original Color

34.1915, 18.3550, 29.3445

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

18.5372, 13.8568, 20.1100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1915, 18.3550, 29.3445 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(215, 44, 147)` looks like.

```
.text, #text, p{  
    color:rgb(215, 44, 147)  
}
```

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(215, 44, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 44, 147) }
```

Border

The CSS property to change the border of an element to XYZ 34.1915, 18.3550, 29.3445 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(215, 44, 147) }
```


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

```
.border{ border-color:rgb(215, 44, 147) }
```

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

Here you see how a box with a 4 pixel rgb(215, 44, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 44, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 44, 147);  
box-shadow:4px 4px 4px 4px rgb(215, 44,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1915, 18.3550, 29.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 44, 147) }
```

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

```
.background{ background-color: rgb(215, 44,  
147) }
```

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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