

Converting Colors

XYZ(34.1862, 18.2577, 30.7502)

Have a look what the booklet for
XYZ(34.1862, 18.2577, 30.7502)
contains.

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Color

**XYZ(34.1005, 18.2259,
30.5748)**

Conversions

Conversions Part 1

Format	Color
Hex	D62B96
RGB	214, 43, 150
RGB Percent	84%, 17%, 59%
CMY	0.1608, 0.8313, 0.4118
CMYK	0.00, 0.80, 0.30, 0.16
HSL	322°, 68%, 50%
HSV	322°, 80%, 84%
XYZ	34.1005, 18.2259, 30.5748
YIQ	106.3270, 67.5690, 69.5290

Conversions

Conversions Part 2

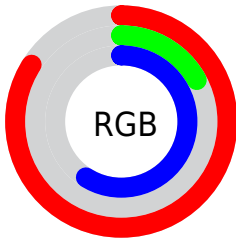
Format	Color
R _Y B	214, 43, 150
Decimal	14035862
CIE Lab	49.77, 71.80, -17.57
CIE LCh	50, 73.918, 346.247
Yxy	18.2259, 0.4113, 0.2199
Android (android.graphics.Color)	4292225942 (0xFFD62B96)
YUV	106.3270, 21.5308, 94.4292
Hunter-Lab	42.6918, 67.8680, -12.5778

Details

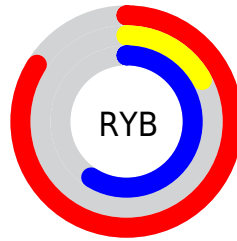
The XYZ color **34.1005, 18.2259, 30.5748** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **27.6980, 49.6690, 22.0406**, and the grayscale version is **13.7206, 14.4352, 15.7199**.

A 20% lighter version of the original color is **57.5016, 36.3448, 61.1113**, and **15.5786, 7.7709, 12.4832** is the 20% darker color. If you saturate the color by 10%, you get **32.8930, 16.8080, 27.0980**, and if you desaturate by 10%, it is **35.7609, 20.4787, 34.4204**.

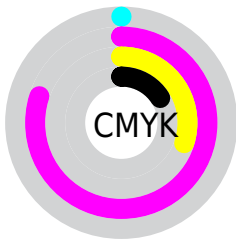
Distribution



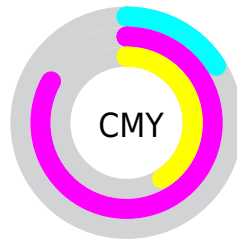
- Red (84%)
- Green (17%)
- Blue (59%)



- Red (84%)
- Yellow (17%)
- Blue (59%)



- Cyan (0%)
- Magenta (80%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (83%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1005, 18.2259, 30.5748 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 34.1005, 18.2259, 30.5748 by changing the saturation by 10% instead.


 34.1005, 18.2259,
30.5748


 34.1005, 18.2259,
30.5748


312.1580,
242.1413, 318.8649


 23.1341, 11.1123,
20.0195


 65.4332, 40.4219,
61.6417


 14.8138, 6.1424,
12.2250


 86.5301, 56.2730,
82.9905


 8.7743, 2.9319,
6.7727


 111.7346, 75.8055,
108.7741

 4.6502, 1.0963,
3.2441

 141.4121, 99.4037,
139.4112

 2.0761, 0.0000,
1.2206

 175.9278,
127.4519, 175.3203

 0.6762, 0.0000,
0.0000

215.6471,

 0.0000, 0.0000,

160.3347, 216.9199

0.0000

260.9354,
198.4363, 264.6286

■ 34.1005, 18.2259,
30.5748

■ 34.1005, 18.2259,
30.5748

■ 32.8930, 16.8080,
27.0980

■ 35.7609, 20.4787,
34.4204

■ 32.0357, 16.0215,
23.9511

■ 37.9293, 23.6758,
38.6569

■ 32.0279, 16.0147,
23.9211

■ 40.6545, 27.9131,
43.3049

■ 43.9786, 33.2739,
48.3823

■ 47.9398, 39.8328,
53.9057

■ 52.5726, 47.6582,
59.8904

■ 57.9094, 56.8130,
66.3509

■ 63.9799, 67.3562,
73.3008

■ 70.8126, 79.3431,
80.7529

Harmonies

Analogous

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



29.0705, 18.2259, 60.5995



34.1005, 18.2259, 30.5748



33.8613, 18.2259, 10.8470

Triad

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



34.1005, 18.2259, 30.5748



13.8018, 18.2259, 1.0396



9.5403, 18.2259, 63.1483

Complementary

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



34.1005, 18.2259, 30.5748



27.6980, 49.6690, 22.0406

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.



7.2985, 18.2259, 32.8033



34.1005, 18.2259, 30.5748



9.2628, 18.2259, 3.2874

Square

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



34.1005, 18.2259, 30.5748



20.7485, 18.2259, 0.9796



7.2131, 18.2259, 11.9746



14.2972, 18.2259, 86.4462

Rectangle

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



34.1005, 18.2259, 30.5748



30.7107, 18.2259, 4.6065



7.2131, 18.2259, 11.9746



8.5318, 18.2259, 52.7713

Sweetspot

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



34.1011, 18.2269, 30.5751



75.0660, 65.5861, 85.1163



18.9112, 9.6300, 64.4807



15.5456, 13.1589, 17.5390



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.



34.1011, 18.2269, 30.5751



47.9950, 24.1391, 36.9552



29.5738, 16.4160, 6.7349



12.7467, 12.5502, 14.6066



19.4106, 9.7006, 14.7321



1.2103, 0.6009, 1.0967

Inverse Universe

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



34.1011, 18.2269, 30.5751



47.9950, 24.1391, 36.9552



34.4697, 52.3777, 57.7000



12.7467, 12.5502, 14.6066



19.4106, 9.7006, 14.7321



1.2103, 0.6009, 1.0967

Previews

White Background



This preview shows how the XYZ color 34.1005, 18.2259, 30.5748 looks on a white background.

Color Contrast Check

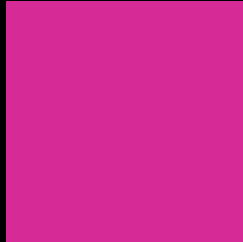
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1005, 18.2259, 30.5748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

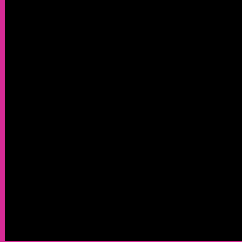
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1005, 18.2259, 30.5748

Background



This preview shows how black text looks on a background with the XYZ color 34.1005, 18.2259, 30.5748.



This preview shows how white text looks on a background with the XYZ color 34.1005, 18.2259,

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

34.1005, 18.2259, 30.5748

Protanopia

20.5046, 18.5964, 59.0087

Deuteranopia

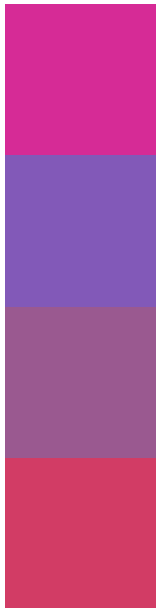
18.7988, 18.4069, 27.7614



Tritanopia

29.3431, 18.1472, 8.2595

Trichromacy



Original Color

34.1005, 18.2259, 30.5748

Protanomaly

21.4300, 15.3513, 47.1810

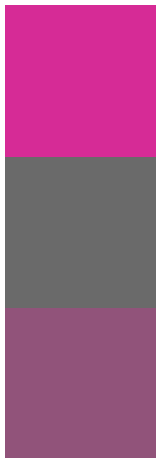
Deuteranomaly

21.9328, 16.0284, 28.3234

Tritanomaly

30.5432, 17.8729, 14.1519

Monochromacy



Original Color

34.1005, 18.2259, 30.5748

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

18.2832, 13.6114, 20.0760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1005, 18.2259, 30.5748 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(214, 43, 150)` looks like.

```
.text, #text, p{  
    color:rgb(214, 43, 150)  
}
```

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(214, 43, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 43, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.1005, 18.2259, 30.5748 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(214, 43, 150) }
```


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

```
.border{ border-color:rgb(214, 43, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 43, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 43, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 43, 150);  
box-shadow:4px 4px 4px 4px rgb(214, 43,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1005, 18.2259, 30.5748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 43, 150) }
```

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

```
.background{ background-color: rgb(214, 43,  
150) }
```

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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