

Converting Colors

XYZ(35.2905, 18.4187, 31.2653)

Have a look what the booklet for
XYZ(35.2905, 18.4187, 31.2653)
contains.

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Color

**XYZ(35.1820, 18.3745,
31.3981)**

Conversions

Conversions Part 1

Format	Color
Hex	DA2398
RGB	218, 35, 152
RGB Percent	85%, 14%, 60%
CMY	0.1451, 0.8627, 0.4039
CMYK	0.00, 0.84, 0.30, 0.15
HSL	322°, 72%, 50%
HSV	322°, 84%, 85%
XYZ	35.1820, 18.3745, 31.3981
YIQ	103.0550, 71.5110, 75.1830

Conversions

Conversions Part 2

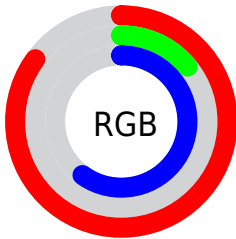
Format	Color
R_{YB}	218, 35, 152
Decimal	14295960
CIE _{Lab}	49.95, 74.75, -18.43
CIE _{LCh}	50, 76.986, 346.149
Yxy	18.3745, 0.4141, 0.2163
Android (android.graphics.Color)	4292486040 (0xFFDA2398)
YUV	103.0550, 24.1299, 100.8068
Hunter-Lab	42.8655, 71.4899, -13.4229

Details

The XYZ color **35.1820, 18.3745, 31.3981** 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 **28.1149, 51.4405, 20.7633**, and the grayscale version is **12.8338, 13.5021, 14.7038**.

A 20% lighter version of the original color is **57.3309, 35.6169, 62.2456**, and **16.4495, 8.2087, 13.0294** is the 20% darker color. If you saturate the color by 10%, you get **34.1048, 17.2167, 27.9663**, and if you desaturate by 10%, it is **36.7008, 20.3469, 35.1880**.

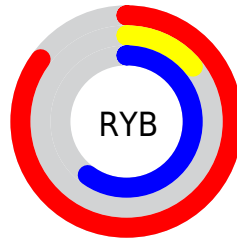
Distribution



Red (85%)

Green (14%)

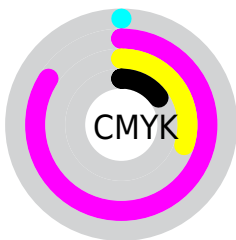
Blue (60%)



Red (85%)

Yellow (14%)

Blue (60%)

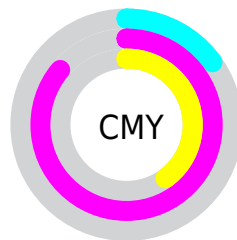


Cyan (0%)

Magenta (84%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (86%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1820, 18.3745, 31.3981 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 35.1820, 18.3745, 31.3981 by changing the saturation by 10% instead.

 35.1820, 18.3745,
31.3981

 35.1820, 18.3745,
31.3981


316.8649,
242.9735, 322.7760


 23.9703, 11.2192,
20.6412


 67.0998, 40.6744,
62.9532


 15.4362, 6.2145,
12.6733


 88.5366, 56.5879,
84.5885


 9.2144, 2.9759,
7.0759


 114.1124, 76.1894,
110.6869

 4.9395, 1.1192,
3.4304

 144.1926, 99.8636,
141.6671

 2.2462, 0.0000,
1.3184

 179.1427,
127.9946, 177.9476

 0.7669, 0.0000,
0.0768

219.3278,

 0.0000, 0.0000,

160.9671, 219.9468

0.0000

265.1134,
199.1652, 268.0835

■ 35.1820, 18.3745,
31.3981

■ 35.1820, 18.3745,
31.3981

■ 34.1048, 17.2167,
27.9663

■ 36.7008, 20.3469,
35.1880

■ 33.6009, 16.7804,
26.0362

■ 38.7243, 23.2592,
39.3607

■ 41.3066, 27.2182,
43.9381

■ 44.4941, 32.3155,
48.9394

■ 48.3280, 38.6324,
54.3820

■ 52.8459, 46.2430,
60.2819

■ 58.0824, 55.2152,
66.6542

■ 64.0697, 65.6124,
73.5131

■ 70.8380, 77.4937,
80.8718

Harmonies

Analogous

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



29.8259, 18.3745, 63.4322



35.1820, 18.3745, 31.3981



34.9477, 18.3745, 10.6988

Triad

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



35.1820, 18.3745, 31.3981



13.8076, 18.3745, 0.8507



9.3630, 18.3745, 65.9511

Complementary

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



35.1820, 18.3745, 31.3981



28.1149, 51.4405, 20.7633

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.



7.0728, 18.3745, 33.5716



35.1820, 18.3745, 31.3981



9.1000, 18.3745, 2.9941

Square

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



35.1820, 18.3745, 31.3981



21.0866, 18.3745, 0.7948



6.9925, 18.3745, 11.7694



14.2828, 18.3745, 91.0864

Rectangle

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



35.1820, 18.3745, 31.3981



31.6111, 18.3745, 4.3344



6.9925, 18.3745, 11.7694



8.3294, 18.3745, 54.8278

Sweetspot

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



35.1826, 18.3755, 31.3984



74.4917, 64.4573, 84.8639



18.4087, 8.9211, 67.0816



15.4407, 12.9451, 17.5162



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.



35.1826, 18.3755, 31.3984



47.8531, 23.9052, 36.7540



30.3973, 16.4614, 6.1997



13.4047, 13.1910, 15.3923



20.1835, 10.0745, 15.8784



1.3483, 0.6689, 1.2429

Inverse Universe

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



35.1826, 18.3755, 31.3984



47.8531, 23.9052, 36.7540



35.1200, 54.2425, 57.6514



13.4047, 13.1910, 15.3923



20.1835, 10.0745, 15.8784



1.3483, 0.6689, 1.2429

Previews

White Background



This preview shows how the XYZ color 35.1820, 18.3745, 31.3981 looks on a white background.

Color Contrast Check

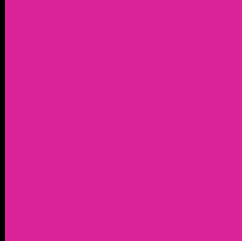
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1820, 18.3745, 31.3981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

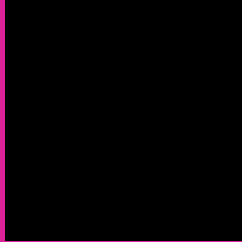
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1820, 18.3745, 31.3981

Background



This preview shows how black text looks on a background with the XYZ color 35.1820, 18.3745, 31.3981.



This preview shows how white text looks on a background with the XYZ color 35.1820, 18.3745,

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

35.1820, 18.3745, 31.3981

Protanopia

21.0118, 18.9457, 62.8711

Deuteranopia

18.9895, 18.6686, 28.1937



Tritanopia

30.2640, 18.4536, 7.7612

Trichromacy



Original Color

35.1820, 18.3745, 31.3981



Protanomaly

21.5386, 15.1144, 49.3591



Deuteranomaly

22.3068, 15.9596, 29.0989



Tritanomaly

31.3980, 17.9486, 13.8662

Monochromacy



Original Color

35.1820, 18.3745, 31.3981



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

17.8526, 12.8490, 19.6283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1820, 18.3745, 31.3981 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(218, 35, 152)` looks like.

```
.text, #text, p{  
    color:rgb(218, 35, 152)  
}
```

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(218, 35, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 35, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.1820, 18.3745, 31.3981 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(218, 35, 152) }
```


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

```
.border{ border-color:rgb(218, 35, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 35, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 35, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 35, 152);  
box-shadow:4px 4px 4px 4px rgb(218, 35,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1820, 18.3745, 31.3981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 35, 152) }
```

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

```
.background{ background-color: rgb(218, 35,  
152) }
```

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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