

Converting Colors

XYZ(36.1898, 18.3284, 32.2022)

Have a look what the booklet for
XYZ(36.1898, 18.3284, 32.2022)
contains.

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Color

**XYZ(36.1898, 18.3284,
32.2022)**

Conversions

Conversions Part 1

Format	Color
Hex	DE139A
RGB	222, 19, 154
RGB Percent	87%, 7%, 60%
CMY	0.1294, 0.9254, 0.3961
CMYK	0.00, 0.91, 0.31, 0.13
HSL	320°, 84%, 47%
HSV	320°, 91%, 87%
XYZ	36.1898, 18.3284, 32.2022
YIQ	95.0870, 77.6530, 85.0210

Conversions

Conversions Part 2

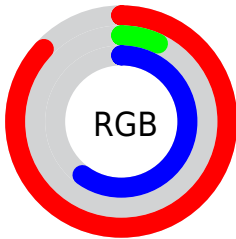
Format	Color
R_{YB}	222, 19, 154
Decimal	14554010
CIE _{Lab}	49.89, 78.38, -19.64
CIE _{LCh}	50, 80.805, 345.930
Yxy	18.3284, 0.4173, 0.2114
Android (android.graphics.Color)	4292744090 (0xFFDE139A)
YUV	95.0870, 29.0441, 111.3027
Hunter-Lab	42.8117, 75.9701, -14.6287

Details

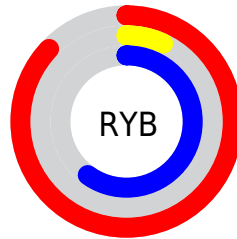
The XYZ color **36.1898, 18.3284, 32.2022** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **28.1118, 53.0700, 17.7845**, and the grayscale version is **10.8212, 11.3847, 12.3980**.

A 20% lighter version of the original color is **57.1163, 34.5988, 63.9895**, and **17.1461, 8.5563, 13.5798** is the 20% darker color. If you saturate the color by 10%, you get **35.4400, 17.6559, 29.4020**, and if you desaturate by 10%, it is **37.3968, 19.7200, 35.7563**.

Distribution



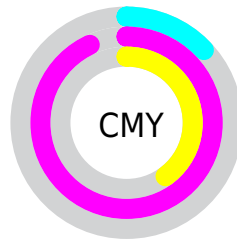
- Red (87%)
- Green (7%)
- Blue (60%)



- Red (87%)
- Yellow (7%)
- Blue (60%)



- Cyan (0%)
- Magenta (91%)
- Yellow (31%)
- Black (13%)





- Cyan (13%)
- Magenta (93%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1898, 18.3284, 32.2022 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 36.1898, 18.3284, 32.2022 by changing the saturation by 10% instead.

 36.1898, 18.3284,
32.2022


 36.1898, 18.3284,
32.2022


321.2062,
242.7156, 326.5604


 24.7516, 11.1860,
21.2499


 68.6469, 40.5961,
64.2295

 16.0198, 6.1921,
13.1138


 90.3965, 56.4902,
86.1416


 9.6291, 2.9622,
7.3753


 116.3139, 76.0704,
112.5441

 5.2141, 1.1120,
3.6159

 146.7645, 99.7210,
143.8554

 2.4095, 0.0000,
1.4171

 182.1137,
127.8264, 180.4942

 0.8498, 0.0000,
0.1550

 222.7268,

 0.0000, 0.0000,

160.7711, 222.8789

0.0000

268.9692,
198.9393, 271.4281

■ 36.1898, 18.3284,
32.2022

■ 36.1898, 18.3284,
32.2022

■ 35.4400, 17.6559,
29.4020

■ 37.3968, 19.7200,
35.7563

■ 39.0753, 21.9921,
39.6602

■ 41.2898, 25.2729,
43.9386

■ 44.0942, 29.6686,
48.6128

■ 47.5352, 35.2721,
53.7013

■ 51.6548, 42.1662,
59.2212

■ 56.4912, 50.4265,
65.1882

■ 62.0799, 60.1227,
71.6169

■ 68.4536, 71.3199,
78.5211

Harmonies

Analogous

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



30.4363, 18.3284, 66.6437



36.1898, 18.3284, 32.2022



35.9868, 18.3284, 10.4022

Triad

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



36.1898, 18.3284, 32.2022



13.6500, 18.3284, 0.5816



8.9902, 18.3284, 68.8511

Complementary

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



36.1898, 18.3284, 32.2022



28.1118, 53.0700, 17.7845

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.



6.6776, 18.3284, 34.0740



36.1898, 18.3284, 32.2022



8.7725, 18.3284, 2.5745

Square

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



36.1898, 18.3284, 32.2022



21.2911, 18.3284, 0.5341



6.6119, 18.3284, 11.2910



14.0501, 18.3284, 96.3142

Rectangle

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



36.1898, 18.3284, 32.2022



32.4471, 18.3284, 3.9470



6.6119, 18.3284, 11.2910



7.9414, 18.3284, 56.8241

Sweetspot

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



36.1904, 18.3294, 32.2025



73.3866, 62.2635, 84.4449



17.3193, 7.7517, 69.6908



15.2387, 12.5295, 17.4845



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.



36.1904, 18.3294, 32.2025



48.4551, 24.1460, 39.9241



30.9969, 16.2520, 4.8541



14.0896, 13.8535, 16.2421



21.1043, 10.5087, 17.7467



1.5039, 0.7449, 1.4466

Inverse Universe

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



36.1904, 18.3294, 32.2025



48.4551, 24.1460, 39.9241



35.4860, 56.0196, 56.6165



14.0896, 13.8535, 16.2421



21.1043, 10.5087, 17.7467



1.5039, 0.7449, 1.4466

Previews

White Background



This preview shows how the XYZ color 36.1898, 18.3284, 32.2022 looks on a white background.

Color Contrast Check

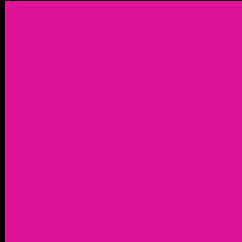
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1898, 18.3284, 32.2022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

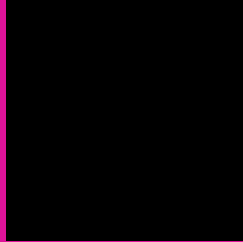
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.1898, 18.3284, 32.2022

Background



This preview shows how black text looks on a background with the XYZ color 36.1898, 18.3284, 32.2022.



This preview shows how white text looks on a background with the XYZ color 36.1898, 18.3284,

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

36.1898, 18.3284, 32.2022

Protanopia

21.5420, 19.0866, 68.8784

Deuteranopia

19.0031, 18.6581, 28.9854



Tritanopia

31.0505, 18.5356, 6.9422

Trichromacy



Original Color

36.1898, 18.3284, 32.2022



Protanomaly

21.2502, 14.1850, 53.2477



Deuteranomaly

21.9980, 15.0909, 29.7704



Tritanomaly

32.0876, 17.8015, 13.0541

Monochromacy



Original Color

36.1898, 18.3284, 32.2022



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

16.1440, 10.9380, 17.7834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1898, 18.3284, 32.2022 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, 19, 154)` looks like.

```
.text, #text, p{  
    color:rgb(222, 19, 154)  
}
```

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, 19, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 19, 154) }
```

Border

The CSS property to change the border of an element to XYZ 36.1898, 18.3284, 32.2022 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, 19, 154) }
```


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

```
.border{ border-color:rgb(222, 19, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 19, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 19, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 19, 154);  
box-shadow:4px 4px 4px 4px rgb(222, 19,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1898, 18.3284, 32.2022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 19, 154) }
```

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

```
.background{ background-color: rgb(222, 19,  
154) }
```

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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