

Converting Colors

XYZ(36.2057, 19.7338, 56.7409)

Have a look what the booklet for
XYZ(36.2057, 19.7338, 56.7409)
contains.

XYZ(36.0258, 19.6138, 56.5306)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.0258, 19.6138,
56.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	C93AC8
RGB	201, 58, 200
RGB Percent	79%, 23%, 78%
CMY	0.2118, 0.7725, 0.2157
CMYK	0.00, 0.71, 0.00, 0.21
HSL	300°, 57%, 51%
HSV	300°, 71%, 79%
XYZ	36.0258, 19.6138, 56.5306
YIQ	116.9450, 39.6460, 74.4780

Conversions

Conversions Part 2

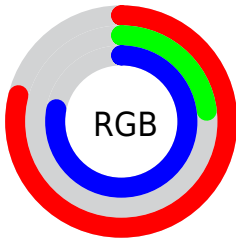
Format	Color
R _{YB}	201, 58, 200
Decimal	13187784
CIE _{Lab}	51.40, 71.34, -44.54
CIE _{LCh}	51, 84.106, 328.022
Yxy	19.6138, 0.3212, 0.1749
Android (android.graphics.Color)	4291377864 (0xFFC93AC8)
YUV	116.9450, 40.9461, 73.7162
Hunter-Lab	44.2875, 67.6984, -44.6793

Details

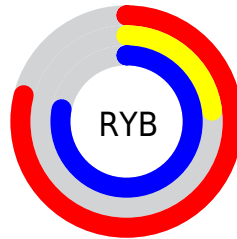
The XYZ color **36.0258, 19.6138, 56.5306** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **23.4219, 42.9895, 11.2022**, and the grayscale version is **16.7615, 17.6344, 19.2039**.

A 20% lighter version of the original color is **65.7684, 41.4369, 99.1395**, and **16.4385, 7.8840, 27.4434** is the 20% darker color. If you saturate the color by 10%, you get **35.1868, 17.9616, 56.1700**, and if you desaturate by 10%, it is **37.2616, 22.0585, 57.0239**.

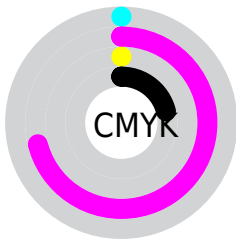
Distribution



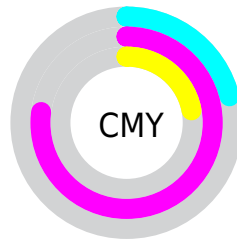
- Red (79%)
- Green (23%)
- Blue (78%)



- Red (79%)
- Yellow (23%)
- Blue (78%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (21%)





- Cyan (21%)
- Magenta (77%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0258, 19.6138, 56.5306 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 36.0258, 19.6138, 56.5306 by changing the saturation by 10% instead.

 36.0258, 19.6138,
56.5306


 36.0258, 19.6138,
56.5306


320.5026,
249.8167, 429.1324

 24.6243, 12.1146,
40.2216


 68.3955, 42.7687,
101.2735


 15.9246, 6.8218,
27.3963


 90.0944, 59.1933,
130.5445


 9.5613, 3.3509,
17.6360


 115.9566, 79.3618,
164.9732

 5.1691, 1.3176,
10.5223

 146.3472,
103.6585, 204.9783

 2.3826, 0.1547,
5.6365

 181.6318,
132.4680, 250.9782

 0.8364, 0.0000,
2.5601

222.1757,

 0.0000, 0.0000,

166.1746, 303.3915

0.8718

268.3441,
205.1627, 362.6367

■ 0.0000, 0.0000,
0.0000

■ 36.0258, 19.6138,
56.5306

■ 36.0258, 19.6138,
56.5306

■ 35.1868, 17.9616,
56.1700

■ 37.2616, 22.0585,
57.0239

■ 34.6934, 17.0011,
55.9245

■ 38.9332, 25.3753,
57.6623

■ 34.4657, 16.5689,
55.7769

■ 41.0773, 29.6371,
58.4583

■ 43.7262, 34.9085,
59.4227

■ 46.9093, 41.2482,
60.5652

■ 50.6538, 48.7108,
61.8949

■ 54.9850, 57.3468,
63.4203

■ 59.9268, 67.2038,
65.1492

■ 65.5015, 78.3268,
67.0893

Harmonies

Analogous

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



27.3308, 19.6138, 94.0167



36.0258, 19.6138, 56.5306



39.9579, 19.6138, 22.9972

Triad

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



36.0258, 19.6138, 56.5306



19.2069, 19.6138, 0.3189



7.6907, 19.6138, 51.3892

Complementary

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



36.0258, 19.6138, 56.5306



23.4219, 42.9895, 11.2022

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.



6.6909, 19.6138, 19.7950



36.0258, 19.6138, 56.5306



12.0232, 19.6138, 1.0053

Square

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



36.0258, 19.6138, 56.5306



28.5993, 19.6138, 1.2288



8.0046, 19.6138, 5.0086



11.3149, 19.6138, 89.7820

Rectangle

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



36.0258, 19.6138, 56.5306



38.6675, 19.6138, 9.9825



8.0046, 19.6138, 5.0086



7.0951, 19.6138, 39.1546

Sweetspot

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



36.0266, 19.6147, 56.5310



80.2214, 70.4393, 103.6597



13.8016, 8.1437, 56.1036



16.8246, 14.3875, 22.0637



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.



36.0266, 19.6147, 56.5310



59.7478, 29.7849, 95.9322



29.5973, 17.0430, 22.6748



11.0798, 10.8153, 13.4035



21.6720, 10.4183, 35.0779



1.0272, 0.4937, 1.6665

Inverse Universe

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



36.0266, 19.6147, 56.5310



59.7478, 29.7849, 95.9322



26.6284, 44.2721, 28.0870



11.0798, 10.8153, 13.4035



21.6720, 10.4183, 35.0779



1.0272, 0.4937, 1.6665

Previews

White Background



This preview shows how the XYZ color 36.0258, 19.6138, 56.5306 looks on a white background.

Color Contrast Check

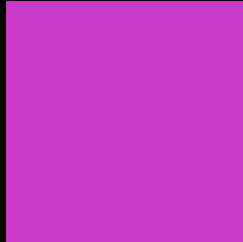
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0258, 19.6138, 56.5306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

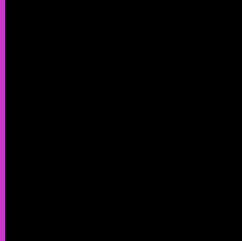
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0258, 19.6138, 56.5306

Background



This preview shows how black text looks on a background with the XYZ color 36.0258, 19.6138, 56.5306.



This preview shows how white text looks on a background with the XYZ color 36.0258, 19.6138,

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

36.0258, 19.6138, 56.5306

Protanopia

24.0491, 19.9851, 94.6855

Deuteranopia

20.4970, 20.0075, 51.4967



Tritanopia

27.4017, 19.6767, 14.1581

Trichromacy



Original Color

36.0258, 19.6138, 56.5306



Protanomaly

21.6385, 15.6654, 78.9740



Deuteranomaly

23.4054, 17.5645, 53.1956



Tritanomaly

29.5607, 18.9842, 25.3989

Monochromacy



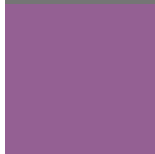
Original Color

36.0258, 19.6138, 56.5306



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

21.6621, 16.7682, 29.6986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0258, 19.6138, 56.5306 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(201, 58, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 58, 200)  
}
```

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(201, 58, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 58, 200) }
```

Border

The CSS property to change the border of an element to XYZ 36.0258, 19.6138, 56.5306 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(201, 58, 200) }
```


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

```
.border{ border-color:rgb(201, 58, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 58, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 58, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 58, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 58,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0258, 19.6138, 56.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 58, 200) }
```

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

```
.background{ background-color: rgb(201, 58,  
200) }
```

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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