

Converting Colors

XYZ(36.0102, 26.0567, 43.8902)

Have a look what the booklet for
XYZ(36.0102, 26.0567, 43.8902)
contains.

XYZ(35.9280, 26.0661, 43.6951)	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(35.9280, 26.0661,
43.6951)**

Conversions

Conversions Part 1

Format	Color
Hex	C36FAF
RGB	195, 111, 175
RGB Percent	76%, 44%, 69%
CMY	0.2353, 0.5647, 0.3137
CMYK	0.00, 0.43, 0.10, 0.24
HSL	314°, 41%, 60%
HSV	314°, 43%, 76%
XYZ	35.9280, 26.0661, 43.6951
YIQ	143.4120, 29.5200, 37.7120

Conversions

Conversions Part 2

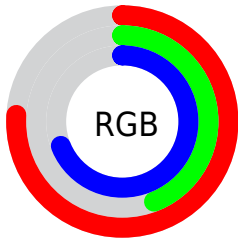
Format	Color
RYB	195, 111, 175
Decimal	12808111
CIELab	58.10, 42.13, -19.76
CIELCh	58, 46.532, 334.867
Yxy	26.0661, 0.3399, 0.2466
Android (android.graphics.Color)	4290998191 (0xFFC36FAF)
YUV	143.4120, 15.5729, 45.2427
Hunter-Lab	51.0550, 36.2664, -15.0045

Details

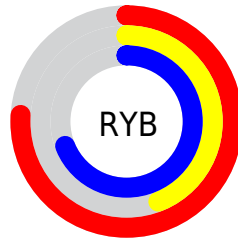
The XYZ color **35.9280, 26.0661, 43.6951** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.1685, 44.0493, 28.3868**, and the grayscale version is **26.2052, 27.5699, 30.0236**.

A 20% lighter version of the original color is **68.3870, 53.5624, 82.3355**, and **15.9439, 10.2123, 19.5432** is the 20% darker color. If you saturate the color by 10%, you get **33.5799, 22.0868, 40.7011**, and if you desaturate by 10%, it is **38.7579, 30.9829, 46.9276**.

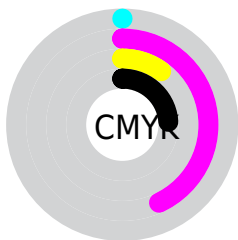
Distribution



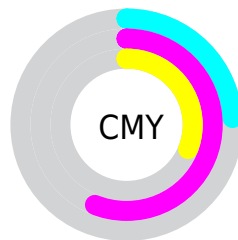
- Red (76%)
- Green (44%)
- Blue (69%)



- Red (76%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (24%)





- Cyan (24%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9280, 26.0661, 43.6951 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 35.9280, 26.0661, 43.6951 by changing the saturation by 10% instead.


 35.9280, 26.0661,
43.6951


 35.9280, 26.0661,
43.6951


320.0825,
283.1064, 377.4675

 24.5484, 16.8731,
30.0954


 68.2455, 53.3816,
82.0563

 15.8679, 10.1441,
19.6584


 89.9142, 72.2728,
107.6550

 9.5210, 5.4946,
11.9654


 115.7433, 95.1656,
138.0904

 5.1423, 2.5403,
6.5978

 146.0982,
122.4443, 173.7811

 2.3666, 0.8967,
3.1373

181.3441,
154.4934, 215.1456

 0.8284, 0.0000,
1.1652

221.8466,

 0.0000, 0.0000,

191.6971, 262.6025

0.0000

267.9709,
234.4400, 316.5702

■ 35.9280, 26.0661,
43.6951

■ 35.9280, 26.0661,
43.6951

■ 33.5799, 22.0868,
40.7011

■ 38.7579, 30.9829,
46.9276

■ 31.6803, 18.9802,
37.9330

■ 42.0949, 36.8892,
50.4070

■ 30.1959, 16.6792,
35.3791

■ 45.9658, 43.8375,
54.1432

■ 29.0870, 15.1050,
33.0254

■ 50.3944, 51.8755,
58.1450

■ 28.3063, 14.1631,
30.8553

■ 55.4032, 61.0479,
62.4205

■ 27.8964, 13.7584,
29.4392

■ 61.0136, 71.3970,
66.9775

■ 67.2455, 82.9629,
71.8235

■ 70.1680, 87.8831,
75.6488

■ 70.7629, 88.1210,
78.7814

Harmonies

Analogous

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



31.4952, 26.0661, 62.1867



35.9280, 26.0661, 43.6951



37.2063, 26.0661, 25.8308

Triad

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



35.9280, 26.0661, 43.6951



23.8676, 26.0661, 7.3391



16.9103, 26.0661, 50.0576

Complementary

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



35.9280, 26.0661, 43.6951



30.1685, 44.0493, 28.3868

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.



15.4762, 26.0661, 31.0949



35.9280, 26.0661, 43.6951



19.0860, 26.0661, 9.7836

Square

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



35.9280, 26.0661, 43.6951



29.6644, 26.0661, 8.5461



16.2081, 26.0661, 17.1429



20.4548, 26.0661, 66.7320

Rectangle

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



35.9280, 26.0661, 43.6951



35.9552, 26.0661, 17.2361



16.2081, 26.0661, 17.1429



16.1921, 26.0661, 43.5217

Sweetspot

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



35.9288, 26.0673, 43.6956



82.2305, 78.3431, 96.8825



24.8342, 20.1038, 54.2019



17.6480, 16.5079, 20.8780



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.



35.9288, 26.0673, 43.6956



60.2436, 39.7278, 73.0342



32.4525, 24.6768, 25.3895



10.3914, 10.2052, 12.1518



18.1651, 8.9558, 19.3131



0.8103, 0.3971, 0.9682

Inverse Universe

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



35.9288, 26.0673, 43.6956



60.2436, 39.7278, 73.0342



33.5758, 45.4122, 46.3293



10.3914, 10.2052, 12.1518



18.1651, 8.9558, 19.3131



0.8103, 0.3971, 0.9682

Previews

White Background



This preview shows how the XYZ color 35.9280, 26.0661, 43.6951 looks on a white background.

Color Contrast Check

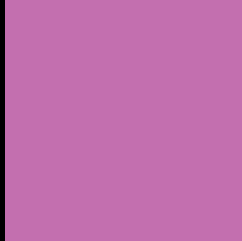
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9280, 26.0661, 43.6951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

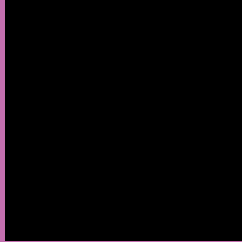
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9280, 26.0661, 43.6951

Background



This preview shows how black text looks on a background with the XYZ color 35.9280, 26.0661, 43.6951.



This preview shows how white text looks on a background with the XYZ color 35.9280, 26.0661,

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

35.9280, 26.0661, 43.6951

Protanopia

27.1072, 26.3280, 55.2829

Deuteranopia

26.8488, 26.2826, 41.6882



Tritanopia

31.9141, 25.9651, 24.0986

Trichromacy



Original Color

35.9280, 26.0661, 43.6951



Protanomaly

29.1907, 25.4587, 50.9525



Deuteranomaly

29.4636, 25.7878, 42.4544



Tritanomaly

33.2878, 26.0044, 30.4590

Monochromacy



Original Color

35.9280, 26.0661, 43.6951



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

28.9330, 26.2805, 34.5581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9280, 26.0661, 43.6951 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(195, 111, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 175)  
}
```

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(195, 111, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 175) }
```

Border

The CSS property to change the border of an element to XYZ 35.9280, 26.0661, 43.6951 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(195, 111, 175) }
```


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

```
.border{ border-color:rgb(195, 111, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 111, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9280, 26.0661, 43.6951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 175) }
```

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

```
.background{ background-color: rgb(195,  
111, 175) }
```

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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