

Converting Colors

XYZ(35.6015, 27.0016, 30.7029)

Have a look what the booklet for
XYZ(35.6015, 27.0016, 30.7029)
contains.

XYZ(35.5211, 26.9836, 30.5303)	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(35.5211, 26.9836,
30.5303)**

Conversions

Conversions Part 1

Format	Color
Hex	C97492
RGB	201, 116, 146
RGB Percent	79%, 45%, 57%
CMY	0.2118, 0.5451, 0.4274
CMYK	0.00, 0.42, 0.27, 0.21
HSL	339°, 44%, 62%
HSV	339°, 42%, 79%
XYZ	35.5211, 26.9836, 30.5303
YIQ	144.8350, 41.0300, 27.3500

Conversions

Conversions Part 2

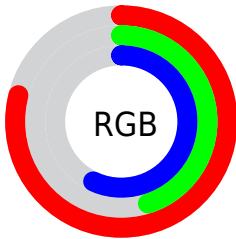
Format	Color
R _Y B	201, 116, 146
Decimal	13202578
CIE Lab	58.96, 37.05, -1.66
CIE LCh	59, 37.090, 357.428
Yxy	26.9836, 0.3818, 0.2900
Android (android.graphics.Color)	4291392658 (0xFFC97492)
YUV	144.8350, 0.5743, 49.2567
Hunter-Lab	51.9457, 31.1553, 1.5152

Details

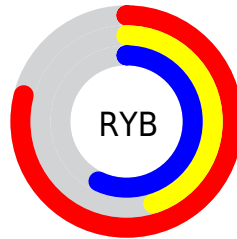
The XYZ color **35.5211, 26.9836, 30.5303** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.4411, 48.4273, 46.0100**, and the grayscale version is **26.8335, 28.2309, 30.7434**.

A 20% lighter version of the original color is **66.0401, 54.1796, 61.6206**, and **15.6787, 10.6449, 12.2946** is the 20% darker color. If you saturate the color by 10%, you get **32.4950, 22.4593, 24.8106**, and if you desaturate by 10%, it is **39.1651, 32.5590, 37.0245**.

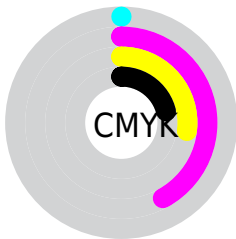
Distribution



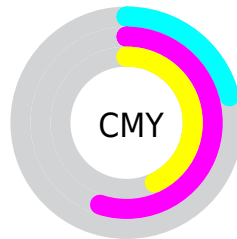
- Red (79%)
- Green (45%)
- Blue (57%)



- Red (79%)
- Yellow (45%)
- Blue (57%)



- Cyan (0%)
- Magenta (42%)
- Yellow (27%)
- Black (21%)





- Cyan (21%)
- Magenta (55%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5211, 26.9836, 30.5303 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 35.5211, 26.9836, 30.5303 by changing the saturation by 10% instead.


 35.5211, 26.9836,
30.5303


 35.5211, 26.9836,
30.5303


318.3304,
287.5777, 318.6525

 24.2330, 17.5609,
19.9860


 67.6210, 54.8575,
61.5707

 15.6322, 10.6352,
12.2009

 89.1634, 74.0776,
82.9039

 9.3534, 5.8221,
6.7564


 114.8546, 97.3322,
108.6704

 5.0314, 2.7372,
3.2341

145.0600,
125.0058, 139.2888

 2.3006, 0.9961,
1.2154

180.1450,
157.4827, 175.1777

 0.7950, 0.0000,
0.0000

220.4747,

 0.0000, 0.0000,

195.1475, 216.7556

0.0000

266.4148,
238.3843, 264.4410

■ 35.5211, 26.9836,
30.5303

■ 35.5211, 26.9836,
30.5303

■ 32.4950, 22.4593,
24.8106

■ 39.1651, 32.5590,
37.0245

■ 30.0479, 18.9154,
19.8327

■ 43.4582, 39.2426,
44.3208

■ 28.1403, 16.2785,
15.5636


■ 48.4319, 47.0918,
52.4472


■ 26.7257, 14.4632,
11.9667

■ 54.1152, 56.1590,
61.4300


■ 25.7495, 13.3672,
9.0012


■ 60.5352, 66.4935,
71.2941

 25.2227, 12.8717,
7.1053

 67.7176, 78.1417,
82.0634

 75.1404, 90.0547,
93.5786

 77.1112, 90.8430,
103.9566

 77.8975, 91.1576,
108.0973

Harmonies

Analogous

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



33.8335, 26.9836, 45.2107



35.5211, 26.9836, 30.5303



34.3125, 26.9836, 19.2011

Triad

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



35.5211, 26.9836, 30.5303



21.7899, 26.9836, 12.1622



21.1799, 26.9836, 56.2682

Complementary

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



35.5211, 26.9836, 30.5303



35.4411, 48.4273, 46.0100

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.



18.5792, 26.9836, 42.6406



35.5211, 26.9836, 30.5303



18.9007, 26.9836, 17.7583

Square

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



35.5211, 26.9836, 30.5303



26.0455, 26.9836, 10.6632



17.7968, 26.9836, 28.2600



25.2528, 26.9836, 62.5873

Rectangle

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



35.5211, 26.9836, 30.5303



32.0984, 26.9836, 14.4120



17.7968, 26.9836, 28.2600



20.1239, 26.9836, 52.2230

Sweetspot

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



35.5219, 26.9849, 30.5308



82.1080, 79.3375, 88.4887



33.3307, 25.2368, 58.3730



17.1495, 16.3085, 18.2530



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.



35.5219, 26.9849, 30.5308



55.9033, 38.8490, 43.0032



34.8733, 28.9448, 20.2735



10.7859, 10.6977, 11.8557



15.8987, 8.1090, 4.6764



0.7872, 0.3977, 0.4026

Inverse Universe

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



35.5219, 26.9849, 30.5308



55.9033, 38.8490, 43.0032



36.0874, 44.6135, 61.9678



10.7859, 10.6977, 11.8557



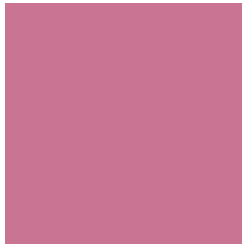
15.8987, 8.1090, 4.6764



0.7872, 0.3977, 0.4026

Previews

White Background



This preview shows how the XYZ color 35.5211, 26.9836, 30.5303 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 35.5211, 26.9836, 30.5303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

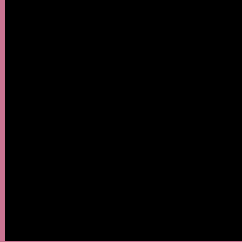
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5211, 26.9836, 30.5303

Background



This preview shows how black text looks on a background with the XYZ color 35.5211, 26.9836, 30.5303.



This preview shows how white text looks on a background with the XYZ color 35.5211, 26.9836,

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

35.5211, 26.9836, 30.5303

Protanopia

26.6054, 27.1119, 37.5491

Deuteranopia

27.6813, 27.1979, 29.3819



Tritanopia

34.0463, 26.8943, 23.8188

Trichromacy



Original Color

35.5211, 26.9836, 30.5303

Protanomaly

29.1523, 26.5842, 35.0473

Deuteranomaly

29.9538, 26.7191, 29.5652

Tritanomaly

34.6710, 26.9855, 26.3030

Monochromacy



Original Color

35.5211, 26.9836, 30.5303

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.1530, 27.0939, 30.4812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5211, 26.9836, 30.5303 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, 116, 146)` looks like.

```
.text, #text, p{  
    color:rgb(201, 116, 146)  
}
```

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, 116, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 116, 146) }
```

Border

The CSS property to change the border of an element to XYZ 35.5211, 26.9836, 30.5303 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, 116, 146) }
```


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

```
.border{ border-color:rgb(201, 116, 146) }
```

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

Here you see how a box with a 4 pixel rgb(201, 116, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 116, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 116, 146);  
box-shadow:4px 4px 4px 4px rgb(201, 116,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5211, 26.9836, 30.5303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 116, 146) }
```

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

```
.background{ background-color: rgb(201,  
116, 146) }
```

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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