

Converting Colors

XYZ(35.9007, 26.1871, 41.0010)

Have a look what the booklet for
XYZ(35.9007, 26.1871, 41.0010)
contains.

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Color

**XYZ(35.9661, 26.1415,
41.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	C56FAA
RGB	197, 111, 170
RGB Percent	77%, 44%, 67%
CMY	0.2274, 0.5647, 0.3333
CMYK	0.00, 0.44, 0.14, 0.23
HSL	319°, 43%, 60%
HSV	319°, 44%, 77%
XYZ	35.9661, 26.1415, 41.1804
YIQ	143.4400, 32.3170, 36.5810

Conversions

Conversions Part 2

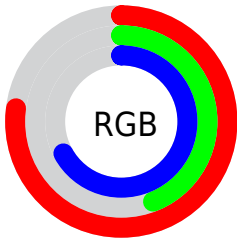
Format	Color
RYB	197, 111, 170
Decimal	12939178
CIELab	58.17, 41.95, -16.75
CIELCh	58, 45.169, 338.228
Yxy	26.1415, 0.3482, 0.2531
Android (android.graphics.Color)	4291129258 (0xFFC56FAA)
YUV	143.4400, 13.0941, 46.9721
Hunter-Lab	51.1288, 36.0890, -11.9635

Details

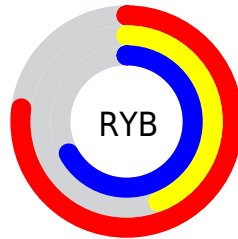
The XYZ color **35.9661, 26.1415, 41.1804** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.1104, 45.1478, 31.1214**, and the grayscale version is **26.2253, 27.5910, 30.0466**.

A 20% lighter version of the original color is **68.2857, 53.6065, 77.9822**, and **15.8704, 10.2024, 18.2723** is the 20% darker color. If you saturate the color by 10%, you get **33.4775, 22.0785, 37.5318**, and if you desaturate by 10%, it is **38.9578, 31.1659, 45.1331**.

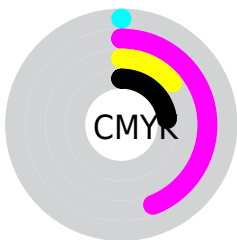
Distribution



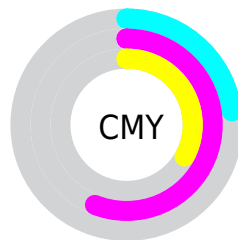
- Red (77%)
- Green (44%)
- Blue (67%)



- Red (77%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (44%)
- Yellow (14%)
- Black (23%)





- Cyan (23%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9661, 26.1415, 41.1804 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 35.9661, 26.1415, 41.1804 by changing the saturation by 10% instead.


 35.9661, 26.1415,
41.1804


 35.9661, 26.1415,
41.1804


320.2462,
283.4760, 366.7730

 24.5780, 16.9295,
28.1393


 68.3040, 53.5031,
78.2143


 15.8900, 10.1843,
18.1907


 89.9844, 72.4216,
103.0442

 9.5367, 5.5213,
10.9162


 115.8264, 95.3443,
132.6408

 5.1528, 2.5563,
5.8970

 146.1952,
122.6557, 167.4226

 2.3728, 0.9047,
2.7148

181.4562,
154.7402, 207.8082

 0.8316, 0.0000,
0.9509

221.9748,

 0.0000, 0.0000,

191.9821, 254.2161

0.0000

268.1164,
234.7659, 307.0648

■ 35.9661, 26.1415,
41.1804

■ 35.9661, 26.1415,
41.1804

■ 33.4775, 22.0785,
37.5318

■ 38.9578, 31.1659,
45.1331

■ 31.4578, 18.9101,
34.1731

■ 42.4792, 37.2054,
49.3998

■ 29.8720, 16.5668,
31.0913

■ 46.5578, 44.3143,
53.9917

■ 28.6791, 14.9669,
28.2705

■ 51.2186, 52.5415,
58.9187

■ 27.8295, 14.0120,
25.6925

■ 56.4848, 61.9334,
64.1905

■ 27.4098, 13.6239,
24.1615

■ 62.3786, 72.5333,
69.8160

■ 68.9207, 84.3827,
75.8038

■ 71.6360, 88.5303,
80.6638

■ 72.4680, 88.8632,
85.0456

Harmonies

Analogous

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



31.9497, 26.1415, 59.3387



35.9661, 26.1415, 41.1804



36.7950, 26.1415, 24.3618

Triad

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



35.9661, 26.1415, 41.1804



23.3698, 26.1415, 7.8322



17.4580, 26.1415, 51.5032

Complementary

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



35.9661, 26.1415, 41.1804



31.1104, 45.1478, 31.1214

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.



15.8133, 26.1415, 33.0019



35.9661, 26.1415, 41.1804



18.8832, 26.1415, 10.7366

Square

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



35.9661, 26.1415, 41.1804



28.9612, 26.1415, 8.6372



16.2937, 26.1415, 18.6782



21.1416, 26.1415, 66.6650

Rectangle

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



35.9661, 26.1415, 41.1804



35.3285, 26.1415, 16.4486



16.2937, 26.1415, 18.6782



16.6750, 26.1415, 45.2451

Sweetspot

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



35.9669, 26.1427, 41.1809



83.7406, 79.9906, 97.0860



26.0475, 20.7031, 55.4470



17.5522, 16.4696, 20.3736



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.



35.9669, 26.1427, 41.1809



60.3057, 40.1003, 67.7573



32.6209, 24.8043, 23.5610



10.9359, 10.7577, 12.6456



18.0677, 8.9766, 16.0980



0.8872, 0.4377, 0.9289

Inverse Universe

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



35.9669, 26.1427, 41.1809



60.3057, 40.1003, 67.7573



34.7406, 46.5999, 50.2378



10.9359, 10.7577, 12.6456



18.0677, 8.9766, 16.0980



0.8872, 0.4377, 0.9289

Previews

White Background



This preview shows how the XYZ color 35.9661, 26.1415, 41.1804 looks on a white background.

Color Contrast Check

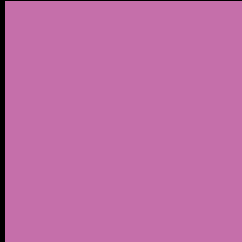
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9661, 26.1415, 41.1804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

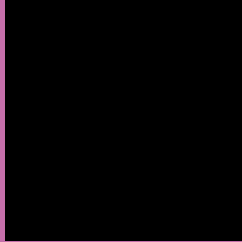
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9661, 26.1415, 41.1804

Background



This preview shows how black text looks on a background with the XYZ color 35.9661, 26.1415, 41.1804.



This preview shows how white text looks on a background with the XYZ color 35.9661, 26.1415,

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

35.9661, 26.1415, 41.1804

Protanopia

27.1311, 26.6186, 52.4231

Deuteranopia

26.8925, 26.3587, 39.2677



Tritanopia

32.2313, 25.9586, 23.7338

Trichromacy



Original Color

35.9661, 26.1415, 41.1804

Protanomaly

29.3464, 25.7948, 48.2319

Deuteranomaly

29.5945, 25.9097, 40.0005

Tritanomaly

33.4515, 25.9433, 29.2311

Monochromacy



Original Color

35.9661, 26.1415, 41.1804

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.9703, 26.3190, 33.6902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9661, 26.1415, 41.1804 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(197, 111, 170)` looks like.

```
.text, #text, p{  
    color:rgb(197, 111, 170)  
}
```

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(197, 111, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 111, 170) }
```

Border

The CSS property to change the border of an element to XYZ 35.9661, 26.1415, 41.1804 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(197, 111, 170) }
```


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

```
.border{ border-color:rgb(197, 111, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 111, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 111, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 111, 170);  
box-shadow:4px 4px 4px 4px rgb(197, 111,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9661, 26.1415, 41.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 111, 170) }
```

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

```
.background{ background-color: rgb(197,  
111, 170) }
```

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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