

Converting Colors

$Y_{xy}(26.6297, 0.3166, 0.2038)$

Have a look what the booklet for
Yxy(26.6297, 0.3166, 0.2038)
contains.

Yxy(26.5996, 0.3164, 0.2038)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5996, 0.3164, 0.2038)

Conversions

Conversions Part 1

Format	Color
Hex	CE63D0
RGB	206, 99, 208
RGB Percent	81%, 39%, 82%
CMY	0.1922, 0.6117, 0.1844
CMYK	0.01, 0.52, 0.00, 0.18
HSL	299°, 54%, 60%
HSV	299°, 52%, 82%
XYZ	41.2959, 26.5996, 62.6226
YIQ	143.4190, 28.7830, 56.5830

Conversions

Conversions Part 2

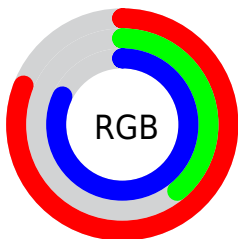
Format	Color
R _Y B	206, 99, 208
Decimal	13525968
CIE Lab	58.60, 57.14, -37.70
CIE LCh	59, 68.455, 326.583
Yxy	26.5996, 0.3164, 0.2038
Android (android.graphics.Color)	4291716048 (0xFFCE63D0)
YUV	143.4190, 31.8384, 54.8835
Hunter-Lab	51.5748, 52.6691, -35.8881

Details

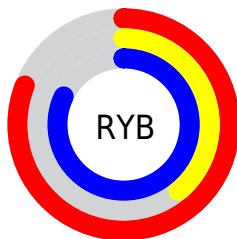
The Yxy color **26.5996, 0.3164, 0.2038** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **48.7739, 0.3061, 0.4948**, and the grayscale version is **27.5083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5912, 0.3173, 0.2311**, and **10.4172, 0.3138, 0.1720** is the 20% darker color. If you saturate the color by 10%, you get **23.0990, 0.3167, 0.1854**, and if you desaturate by 10%, it is **31.1174, 0.3159, 0.2253**.

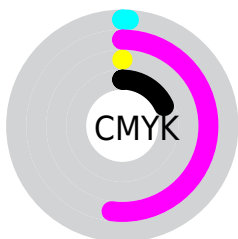
Distribution



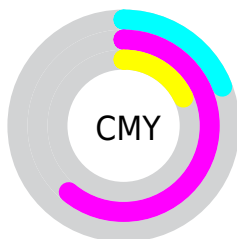
- Red (81%)
- Green (39%)
- Blue (82%)



- Red (81%)
- Yellow (39%)
- Blue (82%)



- Cyan (1%)
- Magenta (52%)
- Yellow (0%)
- Black (18%)




- Cyan (19%)
- Magenta (61%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5996, 0.3164, 0.2038 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 Yxy color 26.5996, 0.3164, 0.2038 by changing the saturation by 10% instead.

 26.5996, 0.3164,
0.2038


 26.5996, 0.3164,
0.2038


285.7132, 0.3170,
0.2644


 17.2727, 0.3154,
0.1896

 54.2407, 0.3172,
0.2252


 10.4291, 0.3137,
0.1720


 73.3237, 0.3174,
0.2334

 5.6844, 0.3107,
0.1497


 96.4275, 0.3174,
0.2405

 2.6541, 0.3049,
0.1213

 123.9366, 0.3174,
0.2466

 0.9540, 0.2935,
0.0847

156.2353, 0.3173,
0.2519

 0.0000, 0.2801,
0.0000

193.7081, 0.3172,

 0.0000, 0.1313,

0.2566

0.0000


236.7392, 0.3172,
0.2607


 0.0000, 0.0000,
0.0000

 26.5996, 0.3164,
0.2038


 26.5996, 0.3164,
0.2038


 23.0990, 0.3167,
0.1854


 31.1174, 0.3159,
0.2253


 20.5325, 0.3169,
0.1707


 36.7200, 0.3153,
0.2489


 18.8098, 0.3168,
0.1603

 43.4732, 0.3145,
0.2736

 17.8211, 0.3166,
0.1542

 51.4369, 0.3137,
0.2987

 17.4145, 0.3163,
0.1516

 60.6663, 0.3129,
0.3233

■ 71.2138, 0.3121,
0.3468

■ 83.1285, 0.3113,
0.3690

■ 89.6345, 0.3110,
0.3795

■ 89.6902, 0.3112,
0.3795

Harmonies

Analogous

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



26.5996, 0.2172, 0.1739



26.5996, 0.3164, 0.2038



26.5996, 0.4355, 0.2571

Triad

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



26.5996, 0.3164, 0.2038



26.5996, 0.4702, 0.4764



26.5996, 0.1412, 0.2800

Complementary

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



26.5996, 0.3164, 0.2038



48.7739, 0.3061, 0.4948

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.



26.5996, 0.1893, 0.4077



26.5996, 0.3164, 0.2038



26.5996, 0.3783, 0.5375

Square

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



26.5996, 0.3164, 0.2038



26.5996, 0.5276, 0.3980



26.5996, 0.2762, 0.5227



26.5996, 0.1325, 0.2027

Rectangle

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



26.5996, 0.3164, 0.2038



26.5996, 0.4992, 0.3009



26.5996, 0.2762, 0.5227



26.5996, 0.1525, 0.3181

Sweetspot

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



26.6008, 0.3164, 0.2038



76.5327, 0.3141, 0.2892



16.8388, 0.2135, 0.1684



15.8170, 0.3142, 0.2840



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.6008, 0.3164, 0.2038



35.9929, 0.3168, 0.1832



24.7744, 0.3803, 0.2576



11.9975, 0.3135, 0.3061



10.8603, 0.3164, 0.1517



0.6108, 0.3173, 0.1521

Inverse Universe

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



23.2755, 0.4611, 0.3270



30.1964, 0.5137, 0.3270



49.9565, 0.2770, 0.4168



11.8117, 0.3288, 0.3286



8.3646, 0.6379, 0.3288



0.4690, 0.6308, 0.3249

Previews

White Background



This preview shows how the Yxy color 26.5996, 0.3164, 0.2038 looks on a white background.

Color Contrast Check

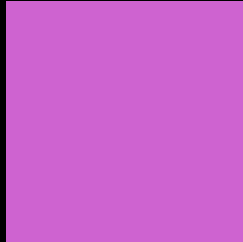
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.5996, 0.3164, 0.2038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

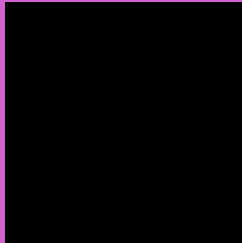
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5996, 0.3164, 0.2038

Background



This preview shows how black text looks on a background with the Yxy color 26.5996, 0.3164, 0.2038.

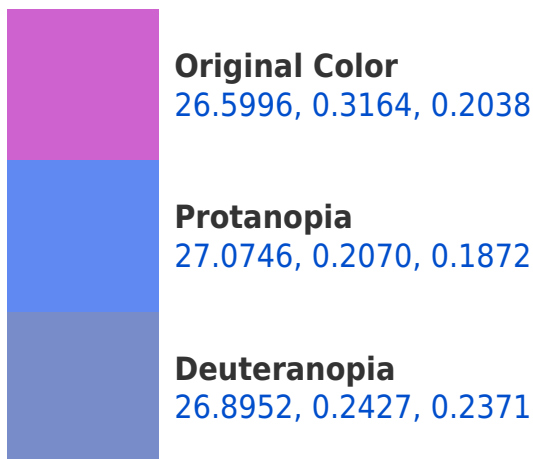


This preview shows how white text looks on a background with the Yxy color 26.5996, 0.3164, 0.2038.

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





Tritanopia

26.4879, 0.3982, 0.3171

Trichromacy



Original Color

26.5996, 0.3164, 0.2038



Protanomaly

25.3627, 0.2342, 0.1877



Deuteranomaly

25.6062, 0.2648, 0.2188



Tritanomaly

26.3020, 0.3677, 0.2709

Monochromacy



Original Color

26.5996, 0.3164, 0.2038



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.0758, 0.3143, 0.2706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5996, 0.3164, 0.2038 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(206, 99, 208)` looks like.

```
.text, #text, p{  
    color:rgb(206, 99, 208)  
}
```

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(206, 99, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 99, 208) }
```

Border

The CSS property to change the border of an element to Yxy 26.5996, 0.3164, 0.2038 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(206, 99, 208) }
```

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

```
.border{ border-color:rgb(206, 99, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 99, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 99, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 99, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 99,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5996, 0.3164, 0.2038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 99, 208) }
```

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

```
.background{ background-color: rgb(206, 99,  
208) }
```

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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