

Converting Colors

$Y_{xy}(25.7510, 0.3192, 0.1904)$

Have a look what the booklet for
Yxy(25.7510, 0.3192, 0.1904)
contains.

Yxy(25.8068, 0.3192, 0.1907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.8068, 0.3192, 0.1907)

Conversions

Conversions Part 1

Format	Color
Hex	D656D6
RGB	214, 86, 214
RGB Percent	84%, 34%, 84%
CMY	0.1608, 0.6627, 0.1608
CMYK	0.00, 0.60, 0.00, 0.16
HSL	300°, 61%, 59%
HSV	300°, 60%, 84%
XYZ	43.1963, 25.8068, 66.3236
YIQ	138.8640, 35.2000, 66.9440

Conversions

Conversions Part 2

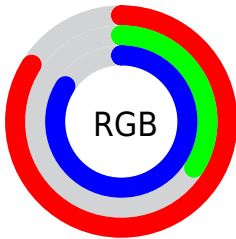
Format	Color
RYB	214, 86, 214
Decimal	14046934
CIELab	57.85, 66.09, -42.20
CIElCh	58, 78.414, 327.437
Yxy	25.8068, 0.3192, 0.1907
Android (android.graphics.Color)	4292237014 (0xFFD656D6)
YUV	138.8640, 37.0420, 65.8943
Hunter-Lab	50.8004, 62.8803, -41.8471

Details

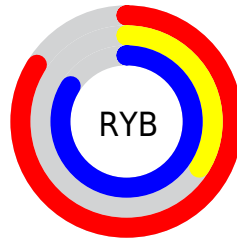
The Yxy color **25.8068, 0.3192, 0.1907** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **50.7451, 0.3037, 0.5212**, and the grayscale version is **25.6102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1249, 0.3178, 0.2213**, and **10.0037, 0.3161, 0.1567** is the 20% darker color. If you saturate the color by 10%, you get **22.8867, 0.3199, 0.1754**, and if you desaturate by 10%, it is **29.7520, 0.3183, 0.2097**.

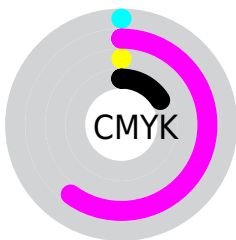
Distribution



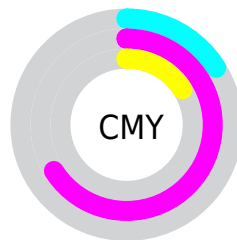
- Red (84%)
- Green (34%)
- Blue (84%)



- Red (84%)
- Yellow (34%)
- Blue (84%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (66%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8068, 0.3192, 0.1907 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 25.8068, 0.3192, 0.1907 by changing the saturation by 10% instead.


 25.8068, 0.3192,
0.1907


 25.8068, 0.3192,
0.1907


281.8324, 0.3190,
0.2566


 16.6792, 0.3183,
0.1756


 52.9631, 0.3199,
0.2137


 10.0060, 0.3166,
0.1571


 71.7606, 0.3199,
0.2227

 5.4029, 0.3134,
0.1341


 94.5501, 0.3198,
0.2303

 2.4856, 0.3073,
0.1054

 121.7160, 0.3197,
0.2370

 0.8694, 0.2953,
0.0701

153.6429, 0.3196,
0.2428

 0.0000, 0.2781,
0.0000

190.7149, 0.3194,

 0.0000, 0.1744,

0.2480

0.0000

233.3166, 0.3192,
0.2526

0.0000, 0.0000,
0.0000

25.8068, 0.3192,
0.1907

25.8068, 0.3192,
0.1907

22.8867, 0.3199,
0.1754

29.7520, 0.3183,
0.2097

20.8937, 0.3204,
0.1643

34.8015, 0.3173,
0.2315

19.7172, 0.3208,
0.1575

41.0309, 0.3162,
0.2553

19.1594, 0.3209,
0.1542

48.5081, 0.3150,
0.2801

19.1505, 0.3209,
0.1541

57.2958, 0.3138,
0.3051

■ 67.4526, 0.3127,
0.3295

■ 79.0334, 0.3116,
0.3528

■ 90.6717, 0.3107,
0.3725

■ 90.6718, 0.3107,
0.3725

Harmonies

Analogous

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



25.8068, 0.2070, 0.1577



25.8068, 0.3192, 0.1907



25.8068, 0.4574, 0.2487

Triad

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



25.8068, 0.3192, 0.1907



25.8068, 0.4805, 0.4892



25.8068, 0.1207, 0.2662

Complementary

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



25.8068, 0.3192, 0.1907



50.7451, 0.3037, 0.5212

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.



25.8068, 0.1691, 0.4152



25.8068, 0.3192, 0.1907



25.8068, 0.3754, 0.5670

Square

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



25.8068, 0.3192, 0.1907



25.8068, 0.5519, 0.3997



25.8068, 0.2630, 0.5561



25.8068, 0.1141, 0.1839

Rectangle

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



25.8068, 0.3192, 0.1907



25.8068, 0.5296, 0.2958



25.8068, 0.2630, 0.5561



25.8068, 0.1315, 0.3091

Sweetspot

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



25.8080, 0.3192, 0.1907



74.1297, 0.3148, 0.2842



13.8368, 0.1976, 0.1404



15.1050, 0.3152, 0.2769



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.



25.8080, 0.3192, 0.1907



33.0364, 0.3201, 0.1718



23.2250, 0.3981, 0.2517



12.6327, 0.3138, 0.3060



11.5751, 0.3209, 0.1542



0.6982, 0.3209, 0.1542

Inverse Universe

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



21.6255, 0.4989, 0.3295



26.2777, 0.5605, 0.3297



52.2069, 0.2729, 0.4289



12.4208, 0.3291, 0.3290



8.6411, 0.6401, 0.3300



0.5212, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 25.8068, 0.3192, 0.1907 looks on a white background.

Color Contrast Check

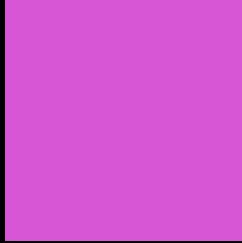
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8068, 0.3192, 0.1907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

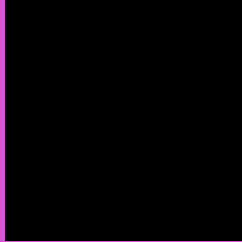
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8068, 0.3192, 0.1907

Background



This preview shows how black text looks on a background with the Yxy color 25.8068, 0.3192, 0.1907.



This preview shows how white text looks on a background with the Yxy color 25.8068, 0.3192, 0.1907.

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

25.8068, 0.3192, 0.1907

Protanopia

26.4906, 0.1944, 0.1712

Deuteranopia

25.9642, 0.2339, 0.2278



Tritanopia

25.6409, 0.4206, 0.3190

Trichromacy



Original Color

25.8068, 0.3192, 0.1907



Protanomaly

23.8373, 0.2217, 0.1698



Deuteranomaly

24.0436, 0.2582, 0.2056



Tritanomaly

25.2990, 0.3823, 0.2656

Monochromacy



Original Color

25.8068, 0.3192, 0.1907



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.2931, 0.3159, 0.2617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8068, 0.3192, 0.1907 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(214, 86, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 86, 214)  
}
```

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(214, 86, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 86, 214) }
```

Border

The CSS property to change the border of an element to Yxy 25.8068, 0.3192, 0.1907 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(214, 86, 214) }
```

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

```
.border{ border-color:rgb(214, 86, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 86, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 86, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 86, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 86,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8068, 0.3192, 0.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 86, 214) }
```

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

```
.background{ background-color: rgb(214, 86,  
214) }
```

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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