

Converting Colors

$Y_{xy}(25.7390, 0.3467, 0.2131)$

Have a look what the booklet for
Yxy(25.7390, 0.3467, 0.2131)
contains.

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Color

Yxy(25.7467, 0.3462, 0.2132)

Conversions

Conversions Part 1

Format	Color
Hex	D959C1
RGB	217, 89, 193
RGB Percent	85%, 35%, 76%
CMY	0.1491, 0.6509, 0.2432
CMYK	0.00, 0.59, 0.11, 0.15
HSL	311°, 63%, 60%
HSV	311°, 59%, 85%
XYZ	41.8082, 25.7467, 53.2082
YIQ	139.1280, 42.9040, 59.4800

Conversions

Conversions Part 2

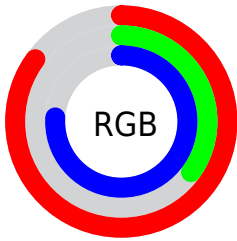
Format	Color
RYB	217, 89, 193
Decimal	14244289
CIELab	57.80, 62.17, -30.30
CIELCh	58, 69.162, 334.019
Yxy	25.7467, 0.3462, 0.2132
Android (android.graphics.Color)	4292434369 (0xFFD959C1)
YUV	139.1280, 26.5589, 68.2937
Hunter-Lab	50.7412, 58.2779, -26.6538

Details

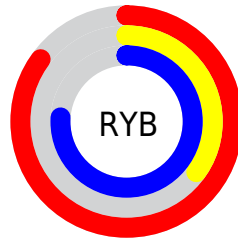
The Yxy color **25.7467, 0.3462, 0.2132** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **52.9358, 0.2927, 0.4856**, and the grayscale version is **25.7571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4129, 0.3219, 0.2271**, and **9.9738, 0.3538, 0.1826** is the 20% darker color. If you saturate the color by 10%, you get **22.4731, 0.3535, 0.1995**, and if you desaturate by 10%, it is **30.0918, 0.3391, 0.2301**.

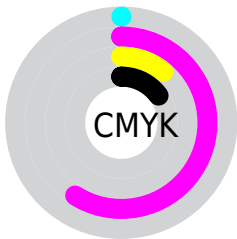
Distribution



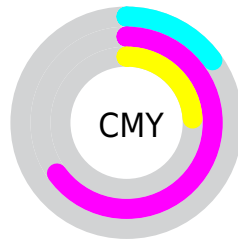
- Red (85%)
- Green (35%)
- Blue (76%)



- Red (85%)
- Yellow (35%)
- Blue (76%)



- Cyan (0%)
- Magenta (59%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7467, 0.3462, 0.2132 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 25.7467, 0.3462, 0.2132 by changing the saturation by 10% instead.


 25.7467, 0.3462,
0.2132


 25.7467, 0.3462,
0.2132

281.5364, 0.3307,
0.2701


 16.6342, 0.3496,
0.1996


 52.8660, 0.3409,
0.2335

 9.9741, 0.3537,
0.1825


 71.6417, 0.3388,
0.2412

 5.3818, 0.3585,
0.1606


 94.4072, 0.3370,
0.2478

 2.4730, 0.3640,
0.1319

 121.5470, 0.3354,
0.2535

 0.8630, 0.3695,
0.0938

153.4454, 0.3340,
0.2585

 0.0000, 0.3886,
0.0000

190.4868, 0.3328,

 0.0000, 0.2652,

0.2628


0.0000


233.0557, 0.3317,
0.2667


 0.0000, 0.0000,
0.0000


 25.7467, 0.3462,
0.2132

 25.7467, 0.3462,
0.2132


 22.4731, 0.3535,
0.1995


 30.0918, 0.3391,
0.2301

 20.1707, 0.3609,
0.1900

 35.5896, 0.3325,
0.2493

 18.7267, 0.3680,
0.1850

 42.3177, 0.3265,
0.2697

 17.9603, 0.3748,
0.1842


 50.3458, 0.3211,
0.2906


 17.8953, 0.3756,
0.1843

 59.7386, 0.3164,
0.3112

 70.5562, 0.3123,
0.3310

 82.8554, 0.3088,
0.3498

 91.7353, 0.3060,
0.3598

 91.9608, 0.3038,
0.3554

Harmonies

Analogous

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



25.7467, 0.2368, 0.1765



25.7467, 0.3462, 0.2132



25.7467, 0.4652, 0.2716

Triad

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



25.7467, 0.3462, 0.2132



25.7467, 0.4511, 0.4970



25.7467, 0.1330, 0.2539

Complementary

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



25.7467, 0.3462, 0.2132



52.9358, 0.2927, 0.4856

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.



25.7467, 0.1707, 0.3739



25.7467, 0.3462, 0.2132



25.7467, 0.3530, 0.5480

Square

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



25.7467, 0.3462, 0.2132



25.7467, 0.5215, 0.4176



25.7467, 0.2504, 0.5059



25.7467, 0.1329, 0.1888

Rectangle

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



25.7467, 0.3462, 0.2132



25.7467, 0.5194, 0.3174



25.7467, 0.2504, 0.5059



25.7467, 0.1409, 0.2880

Sweetspot

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



25.7479, 0.3462, 0.2132



73.5878, 0.3207, 0.2922



15.6346, 0.2156, 0.1476



14.9708, 0.3222, 0.2861



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.



25.7479, 0.3462, 0.2132



31.3735, 0.3555, 0.1966



23.4979, 0.4345, 0.2822



13.2308, 0.3166, 0.3102



10.8493, 0.3746, 0.1837



0.7139, 0.3643, 0.1780

Inverse Universe

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



25.7479, 0.3462, 0.2132



31.3735, 0.3555, 0.1966



54.8960, 0.2598, 0.3875



13.2308, 0.3166, 0.3102



10.8493, 0.3746, 0.1837



0.7139, 0.3643, 0.1780

Previews

White Background



This preview shows how the Yxy color 25.7467, 0.3462, 0.2132 looks on a white background.

Color Contrast Check

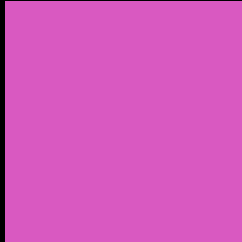
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7467, 0.3462, 0.2132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

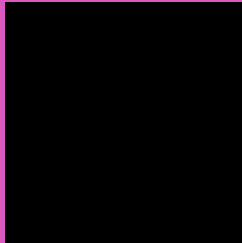
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7467, 0.3462, 0.2132

Background



This preview shows how black text looks on a background with the Yxy color 25.7467, 0.3462, 0.2132.

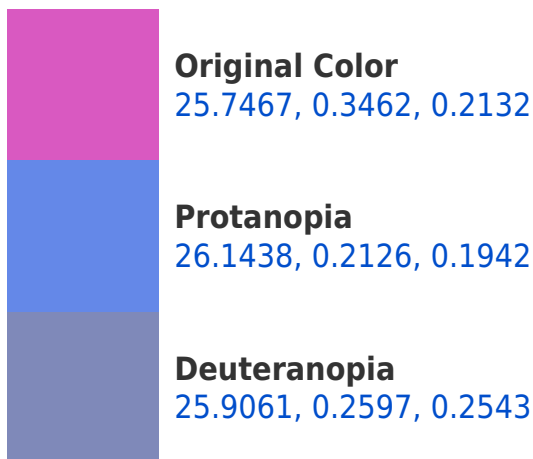


This preview shows how white text looks on a background with the Yxy color 25.7467, 0.3462, 0.2132.

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

25.7535, 0.4347, 0.3206

Trichromacy



Original Color

25.7467, 0.3462, 0.2132



Protanomaly

24.0952, 0.2465, 0.1942



Deuteranomaly

24.5374, 0.2870, 0.2325



Tritanomaly

25.5134, 0.4023, 0.2779

Monochromacy



Original Color

25.7467, 0.3462, 0.2132



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.3934, 0.3247, 0.2728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7467, 0.3462, 0.2132 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(217, 89, 193)` looks like.

```
.text, #text, p{  
    color:rgb(217, 89, 193)  
}
```

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(217, 89, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 89, 193) }
```

Border

The CSS property to change the border of an element to Yxy 25.7467, 0.3462, 0.2132 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(217, 89, 193) }
```

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

```
.border{ border-color:rgb(217, 89, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 89, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 89, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 89, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 89,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7467, 0.3462, 0.2132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 89, 193) }
```

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

```
.background{ background-color: rgb(217, 89,  
193) }
```

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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