

Converting Colors

$Y_{xy}(26.5833, 0.3657, 0.2164)$

Have a look what the booklet for
Yxy(26.5833, 0.3657, 0.2164)
contains.

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Color

Yxy(26.5753, 0.3654, 0.2161)

Conversions

Conversions Part 1

Format	Color
Hex	E652BE
RGB	230, 82, 190
RGB Percent	90%, 32%, 75%
CMY	0.0982, 0.6782, 0.2550
CMYK	0.00, 0.64, 0.17, 0.10
HSL	316°, 75%, 61%
HSV	316°, 64%, 90%
XYZ	44.9357, 26.5753, 51.4658
YIQ	138.5640, 53.5400, 64.9640

Conversions

Conversions Part 2

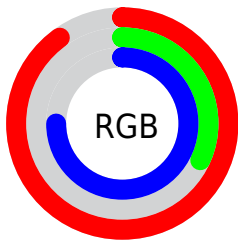
Format	Color
R _{YB}	230, 82, 190
Decimal	15094462
CIE _{Lab}	58.58, 68.05, -27.21
CIE _{LCh}	59, 73.288, 338.207
Yxy	26.5753, 0.3654, 0.2161
Android (android.graphics.Color)	4293284542 (0xFFE652BE)
YUV	138.5640, 25.3579, 80.1894
Hunter-Lab	51.5512, 65.3787, -23.1059

Details

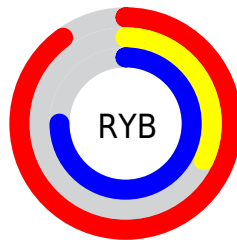
The Yxy color **26.5753, 0.3654, 0.2161** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **59.7788, 0.2865, 0.4853**, and the grayscale version is **25.5344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7316, 0.3247, 0.2251**, and **10.4355, 0.3802, 0.1868** is the 20% darker color. If you saturate the color by 10%, you get **23.4019, 0.3766, 0.2058**, and if you desaturate by 10%, it is **30.9247, 0.3547, 0.2301**.

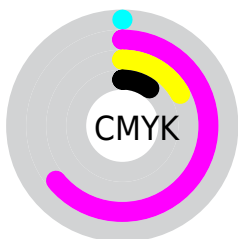
Distribution



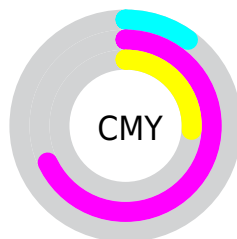
- Red (90%)
- Green (32%)
- Blue (75%)



- Red (90%)
- Yellow (32%)
- Blue (75%)



- Cyan (0%)
- Magenta (64%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (68%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5753, 0.3654, 0.2161 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 26.5753, 0.3654, 0.2161 by changing the saturation by 10% instead.


 26.5753, 0.3654,
0.2161


 26.5753, 0.3654,
0.2161


285.5949, 0.3396,
0.2714


 17.2545, 0.3716,
0.2028


 54.2016, 0.3562,
0.2358


 10.4161, 0.3793,
0.1862


 73.2759, 0.3527,
0.2434

 5.6757, 0.3893,
0.1649


 96.3702, 0.3497,
0.2498

 2.6489, 0.4023,
0.1370

 123.8688, 0.3471,
0.2553

 0.9513, 0.4197,
0.0997

156.1562, 0.3449,
0.2601

 0.0000, 0.4662,
0.0000

193.6168, 0.3429,

 0.0000, 0.4665,

0.2644

0.0000

236.6349, 0.3411,
0.2681

0.0000, 0.0000,
0.0000

26.5753, 0.3654,
0.2161

26.5753, 0.3654,
0.2161

23.4019, 0.3766,
0.2058

30.9247, 0.3547,
0.2301

21.2792, 0.3879,
0.2001

36.5510, 0.3447,
0.2468


20.0602, 0.3989,
0.1993


43.5487, 0.3357,
0.2651


19.6378, 0.4050,
0.2005

52.0022, 0.3278,
0.2840

61.9890, 0.3209,
0.3030

 73.5813, 0.3150,
0.3213

 86.8465, 0.3100,
0.3388

 94.6124, 0.3060,
0.3444

 94.9877, 0.3025,
0.3381

Harmonies

Analogous

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



26.5753, 0.2470, 0.1749



26.5753, 0.3654, 0.2161



26.5753, 0.4869, 0.2782

Triad

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



26.5753, 0.3654, 0.2161



26.5753, 0.4412, 0.5126



26.5753, 0.1246, 0.2370

Complementary

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



26.5753, 0.3654, 0.2161



59.7788, 0.2865, 0.4853

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.



26.5753, 0.1566, 0.3548



26.5753, 0.3654, 0.2161



26.5753, 0.3374, 0.5600

Square

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



26.5753, 0.3654, 0.2161



26.5753, 0.5213, 0.4298



26.5753, 0.2329, 0.5002



26.5753, 0.1296, 0.1778

Rectangle

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



26.5753, 0.3654, 0.2161



26.5753, 0.5361, 0.3256



26.5753, 0.2329, 0.5002



26.5753, 0.1306, 0.2694

Sweetspot

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



26.5766, 0.3654, 0.2161



72.0729, 0.3241, 0.2940



15.8538, 0.2146, 0.1347



14.6644, 0.3261, 0.2885



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.



26.5766, 0.3654, 0.2161



28.6126, 0.3801, 0.2035



24.1338, 0.4720, 0.2933



14.5452, 0.3179, 0.3120



11.1426, 0.4034, 0.1996



0.8387, 0.3886, 0.1914

Inverse Universe

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



26.5766, 0.3654, 0.2161



28.6126, 0.3801, 0.2035



62.3335, 0.2514, 0.3761



14.5452, 0.3179, 0.3120



11.1426, 0.4034, 0.1996



0.8387, 0.3886, 0.1914

Previews

White Background



This preview shows how the Yxy color 26.5753, 0.3654, 0.2161 looks on a white background.

Color Contrast Check

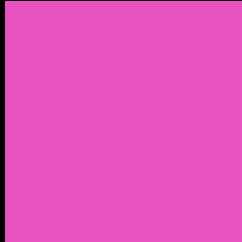
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5753, 0.3654, 0.2161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

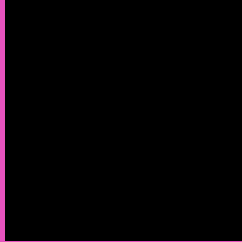
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5753, 0.3654, 0.2161

Background



This preview shows how black text looks on a background with the Yxy color 26.5753, 0.3654, 0.2161.

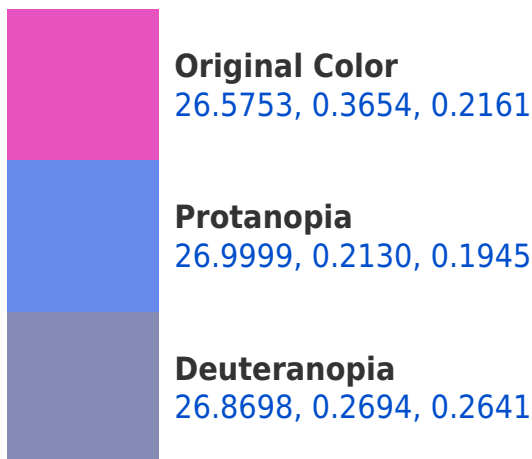


This preview shows how white text looks on a background with the Yxy color 26.5753, 0.3654, 0.2161.

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

26.3559, 0.4609, 0.3214

Trichromacy



Original Color

26.5753, 0.3654, 0.2161



Protanomaly

24.4609, 0.2509, 0.1938



Deuteranomaly

24.8526, 0.3004, 0.2371



Tritanomaly

26.0560, 0.4270, 0.2795

Monochromacy



Original Color

26.5753, 0.3654, 0.2161



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.1961, 0.3321, 0.2709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5753, 0.3654, 0.2161 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(230, 82, 190)` looks like.

```
.text, #text, p{  
    color:rgb(230, 82, 190)  
}
```

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(230, 82, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 82, 190) }
```

Border

The CSS property to change the border of an element to Yxy 26.5753, 0.3654, 0.2161 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(230, 82, 190) }
```

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

```
.border{ border-color:rgb(230, 82, 190) }
```

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

Here you see how a box with a 4 pixel rgb(230, 82, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 82, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 82, 190);  
box-shadow:4px 4px 4px 4px rgb(230, 82,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5753, 0.3654, 0.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 82, 190) }
```

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

```
.background{ background-color: rgb(230, 82,  
190) }
```

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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