

Converting Colors

$Y_{xy}(25.2684, 0.4860, 0.2640)$

Have a look what the booklet for
Yxy(25.2684, 0.4860, 0.2640)
contains.

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Color

Yxy(25.2663, 0.4862, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	FF3383
RGB	255, 51, 131
RGB Percent	100%, 20%, 51%
CMY	0.0001, 0.7998, 0.4864
CMYK	0.00, 0.80, 0.49, 0.00
HSL	336°, 100%, 60%
HSV	336°, 80%, 100%
XYZ	46.5145, 25.2663, 23.8887
YIQ	121.1160, 95.9040, 68.1280

Conversions

Conversions Part 2

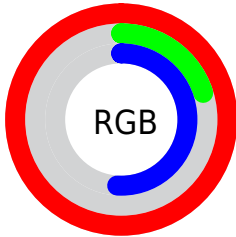
Format	Color
R_{YB}	255, 51, 131
Decimal	16724867
CIE _{Lab}	57.33, 77.93, 5.81
CIE _{LCh}	57, 78.143, 4.265
Yxy	25.2663, 0.4862, 0.2641
Android (android.graphics.Color)	4294914947 (0xFFFF3383)
YUV	121.1160, 4.8728, 117.4163
Hunter-Lab	50.2656, 77.2145, 7.0084

Details

The Yxy color **25.2663, 0.4862, 0.2641** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **75.3123, 0.2594, 0.4355**, and the grayscale version is **19.1298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6776, 0.3923, 0.2622**, and **11.8157, 0.5273, 0.2678** is the 20% darker color. If you saturate the color by 10%, you get **23.2249, 0.5174, 0.2687**, and if you desaturate by 10%, it is **28.5934, 0.4545, 0.2648**.

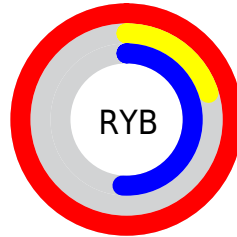
Distribution



Red (100%)

Green (20%)

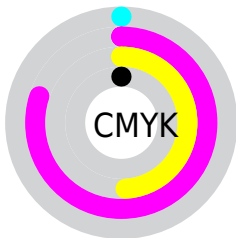
Blue (51%)



Red (100%)

Yellow (20%)

Blue (51%)

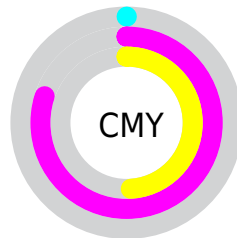


Cyan (0%)

Magenta (80%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2663, 0.4862, 0.2641 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 25.2663, 0.4862, 0.2641 by changing the saturation by 10% instead.


 25.2663, 0.4862,
0.2641


 25.2663, 0.4862,
0.2641


279.1615, 0.3917,
0.3007


 16.2756, 0.5120,
0.2536


 52.0889, 0.4501,
0.2784


 9.7194, 0.5463,
0.2394


 70.6896, 0.4371,
0.2835


 5.2133, 0.5934,
0.2193

 93.2624, 0.4262,
0.2877

 2.3729, 0.6607,
0.1895

 120.1916, 0.4171,
0.2911

 0.8119, 0.7703,
0.1446

 151.8618, 0.4094,
0.2941

 0.0000, 1.0000,
0.0000

188.6572, 0.4026,

 0.0000, 0.0000,

0.2966

0.0000

230.9623, 0.3968,
0.2988

■ 25.2663, 0.4862,
0.2641

■ 25.2663, 0.4862,
0.2641

■ 23.2249, 0.5174,
0.2687

■ 28.5934, 0.4545,
0.2648

■ 22.1775, 0.5459,
0.2781


■ 33.3791, 0.4244,
0.2697

■ 22.1753, 0.5460,
0.2781

■ 39.7736, 0.3972,
0.2778

■ 47.9073, 0.3737,
0.2876

■ 57.8970, 0.3539,
0.2982

 69.8492, 0.3374,
0.3089

 83.8626, 0.3238,
0.3192

99.9967, 0.3127,
0.3290

Harmonies

Analogous

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



25.2663, 0.3503, 0.2017



25.2663, 0.4862, 0.2641



25.2663, 0.5605, 0.3376

Triad

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



25.2663, 0.4862, 0.2641



25.2663, 0.3497, 0.5768



25.2663, 0.1169, 0.1729

Complementary

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



25.2663, 0.4862, 0.2641



75.3123, 0.2594, 0.4355

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.



25.2663, 0.1155, 0.2412



25.2663, 0.4862, 0.2641



25.2663, 0.2383, 0.5340

Square

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



25.2663, 0.4862, 0.2641



25.2663, 0.4586, 0.5101



25.2663, 0.1533, 0.3770



25.2663, 0.1521, 0.1515

Rectangle

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



25.2663, 0.4862, 0.2641



25.2663, 0.5566, 0.3907



25.2663, 0.1533, 0.3770



25.2663, 0.1127, 0.1893

Sweetspot

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



25.2678, 0.4862, 0.2641



64.8052, 0.3437, 0.3046



18.5235, 0.2416, 0.1224



12.9720, 0.3496, 0.3008



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.



25.2678, 0.4862, 0.2641



22.5248, 0.5349, 0.2741



26.0607, 0.5803, 0.3428



18.1050, 0.3232, 0.3197



11.6161, 0.5417, 0.2758



1.1517, 0.5113, 0.2590

Inverse Universe

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



25.2678, 0.4862, 0.2641



22.5248, 0.5349, 0.2741



67.1068, 0.2217, 0.3035



18.1050, 0.3232, 0.3197



11.6161, 0.5417, 0.2758



1.1517, 0.5113, 0.2590

Previews

White Background



This preview shows how the Yxy color 25.2663, 0.4862, 0.2641 looks on a white background.

Color Contrast Check

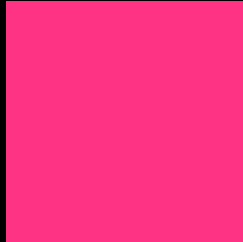
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2663, 0.4862, 0.2641 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 25.2663, 0.4862, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 25.2663, 0.4862, 0.2641.



This preview shows how white text looks on a background with the Yxy color 25.2663, 0.4862, 0.2641.

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

25.2663, 0.4862, 0.2641

Protanopia

25.3750, 0.2642, 0.2609

Deuteranopia

25.3236, 0.3542, 0.3484



Tritanopia

25.2846, 0.5616, 0.3276

Trichromacy



Original Color

25.2663, 0.4862, 0.2641



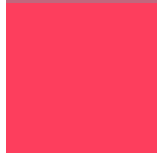
Protanomaly

21.7105, 0.3314, 0.2479



Deuteranomaly

22.5186, 0.4062, 0.2994



Tritanomaly

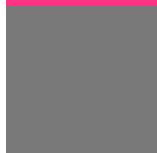
25.1182, 0.5378, 0.3056

Monochromacy



Original Color

25.2663, 0.4862, 0.2641



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

18.3925, 0.3792, 0.2851

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2663, 0.4862, 0.2641 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(255, 51, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 131)  
}
```

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(255, 51, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 131) }
```

Border

The CSS property to change the border of an element to Yxy 25.2663, 0.4862, 0.2641 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(255, 51, 131) }
```

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

```
.border{ border-color:rgb(255, 51, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2663, 0.4862, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 131) }
```

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

```
.background{ background-color: rgb(255, 51,  
131) }
```

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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