

Converting Colors

$Yxy(32.9817, 0.4839, 0.2676)$

Have a look what the booklet for
Yxy(32.9817, 0.4839, 0.2676)
contains.

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Color

Yxy(27.1472, 0.4573, 0.2565)

Conversions

Conversions Part 1

Format	Color
Hex	FF4193
RGB	255, 65, 147
RGB Percent	100%, 25%, 58%
CMY	0.0000, 0.7451, 0.4235
CMYK	0.00, 0.75, 0.42, 0.00
HSL	334°, 100%, 63%
HSV	334°, 75%, 100%
XYZ	48.3993, 27.1472, 30.2906
YIQ	131.1580, 86.9180, 65.7820

Conversions

Conversions Part 2

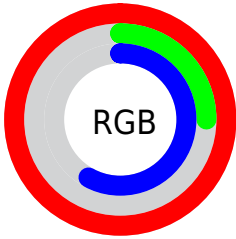
Format	Color
R _{YB}	255, 65, 147
Decimal	16728467
CIE Lab	59.11, 75.52, -1.06
CIE LCh	59, 75.529, 359.196
Yxy	27.1472, 0.4573, 0.2565
Android (android.graphics.Color)	4294918547 (0xFFFF4193)
YUV	131.1580, 7.8101, 108.6094
Hunter-Lab	52.1030, 74.6313, 2.0033

Details

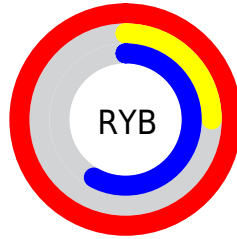
The Yxy color **27.1472, 0.4573, 0.2565** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.6610, 0.2631, 0.4376**, and the grayscale version is **22.7034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9154, 0.3709, 0.2550**, and **12.2005, 0.4955, 0.2503** is the 20% darker color. If you saturate the color by 10%, you get **24.4236, 0.4867, 0.2574**, and if you desaturate by 10%, it is **31.2471, 0.4287, 0.2605**.

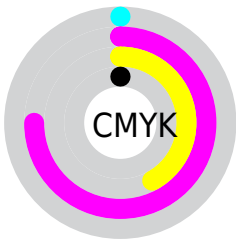
Distribution



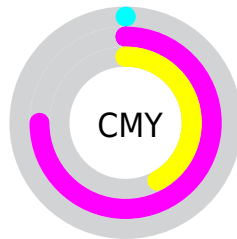
- Red (100%)
- Green (25%)
- Blue (58%)



- Red (100%)
- Yellow (25%)
- Blue (58%)



- Cyan (0%)
- Magenta (75%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (75%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1472, 0.4573, 0.2565 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 27.1472, 0.4573, 0.2565 by changing the saturation by 10% instead.


 27.1472, 0.4573,
0.2565


 27.1472, 0.4573,
0.2565


288.3691, 0.3797,
0.2952


 17.6838, 0.4782,
0.2461


 55.1200, 0.4279,
0.2711

 10.7232, 0.5058,
0.2325


 74.3982, 0.4173,
0.2764

 5.8810, 0.5438,
0.2138

 97.7167, 0.4084,
0.2809

 2.7729, 0.5986,
0.1870

 125.4601, 0.4009,
0.2846

 1.0143, 0.6818,
0.1466

 158.0126, 0.3944,
0.2879

 0.0000, 1.0000,
0.0000

195.7587, 0.3889,

 0.0000, 0.0000,

0.2906

0.0000

239.0827, 0.3840,
0.2931

■ 27.1472, 0.4573,
0.2565

■ 27.1472, 0.4573,
0.2565

■ 24.4236, 0.4867,
0.2574

■ 31.2471, 0.4287,
0.2605

■ 22.8821, 0.5149,
0.2638

■ 36.8843, 0.4024,
0.2683


■ 22.3868, 0.5295,
0.2690

■ 44.1957, 0.3792,
0.2784

■ 53.3033, 0.3592,
0.2898

■ 64.3176, 0.3425,
0.3016

 77.3403, 0.3286,
0.3132

 92.4656, 0.3172,
0.3242

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



27.1472, 0.3269, 0.1989



27.1472, 0.4573, 0.2565



27.1472, 0.5423, 0.3272

Triad

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



27.1472, 0.4573, 0.2565



27.1472, 0.3695, 0.5586



27.1472, 0.1217, 0.1876

Complementary

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



27.1472, 0.4573, 0.2565



75.6610, 0.2631, 0.4376

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.



27.1472, 0.1267, 0.2640



27.1472, 0.4573, 0.2565



27.1472, 0.2610, 0.5372

Square

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



27.1472, 0.4573, 0.2565



27.1472, 0.4708, 0.4905



27.1472, 0.1720, 0.4015



27.1472, 0.1503, 0.1597

Rectangle

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



27.1472, 0.4573, 0.2565



27.1472, 0.5501, 0.3781



27.1472, 0.1720, 0.4015



27.1472, 0.1196, 0.2066

Sweetspot

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



27.1468, 0.4573, 0.2565



67.3945, 0.3388, 0.3045



19.8465, 0.2418, 0.1294



13.7150, 0.3428, 0.3013



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.



27.1468, 0.4573, 0.2565



23.5990, 0.4996, 0.2596



27.0429, 0.5626, 0.3389



18.1172, 0.3226, 0.3188



11.7262, 0.5254, 0.2668



1.1631, 0.4965, 0.2509

Inverse Universe

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



27.1468, 0.4573, 0.2565



23.5990, 0.4996, 0.2596



72.0465, 0.2265, 0.3134



18.1172, 0.3226, 0.3188



11.7262, 0.5254, 0.2668



1.1631, 0.4965, 0.2509

Previews

White Background



This preview shows how the Yxy color 27.1472, 0.4573, 0.2565 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 27.1472, 0.4573, 0.2565 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 27.1472, 0.4573, 0.2565

Background



This preview shows how black text looks on a background with the Yxy color 27.1472, 0.4573, 0.2565.



This preview shows how white text looks on a background with the Yxy color 27.1472, 0.4573, 0.2565.

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

27.1472, 0.4573, 0.2565

Protanopia

27.4568, 0.2539, 0.2489

Deuteranopia

27.2810, 0.3350, 0.3291



Tritanopia

27.0660, 0.5340, 0.3255

Trichromacy



Original Color

27.1472, 0.4573, 0.2565



Protanomaly

23.9833, 0.3134, 0.2402



Deuteranomaly

24.6294, 0.3806, 0.2886



Tritanomaly

26.8103, 0.5089, 0.3007

Monochromacy



Original Color

27.1472, 0.4573, 0.2565



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

21.5516, 0.3661, 0.2851

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1472, 0.4573, 0.2565 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, 65, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 147)  
}
```

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, 65, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 147) }
```

Border

The CSS property to change the border of an element to Yxy 27.1472, 0.4573, 0.2565 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, 65, 147) }
```

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

```
.border{ border-color:rgb(255, 65, 147) }
```

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

Here you see how a box with a 4 pixel rgb(255, 65, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
147) }
```


Background

The CSS property to change the background color of an element to `rgb(255, 65, 147)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 147) }
```

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

```
.background{ background-color: rgb(255, 65,  
147) }
```

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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