

Converting Colors

$Y_{xy}(30.0058, 0.4562, 0.2761)$

Have a look what the booklet for
Yxy(30.0058, 0.4562, 0.2761)
contains.

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Color

Yxy(30.0596, 0.4558, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	FF578F
RGB	255, 87, 143
RGB Percent	100%, 34%, 56%
CMY	0.0000, 0.6588, 0.4393
CMYK	0.00, 0.66, 0.44, 0.00
HSL	340°, 100%, 67%
HSV	340°, 66%, 100%
XYZ	49.6060, 30.0596, 29.1672
YIQ	143.6160, 82.1520, 53.0320

Conversions

Conversions Part 2

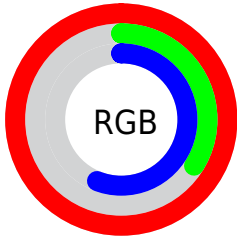
Format	Color
R _Y B	255, 87, 143
Decimal	16734095
CIE Lab	61.71, 67.63, 5.05
CIE LCh	62, 67.814, 4.270
Yxy	30.0596, 0.4558, 0.2762
Android (android.graphics.Color)	4294924175 (0xFFFF578F)
YUV	143.6160, -0.3037, 97.6838
Hunter-Lab	54.8266, 65.5563, 6.8370

Details

The Yxy color **30.0596, 0.4558, 0.2762** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **77.6715, 0.2576, 0.4002**, and the grayscale version is **27.7051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8490, 0.3714, 0.2764**, and **12.3014, 0.5030, 0.2573** is the 20% darker color. If you saturate the color by 10%, you get **26.1580, 0.4907, 0.2748**, and if you desaturate by 10%, it is **35.4988, 0.4233, 0.2812**.

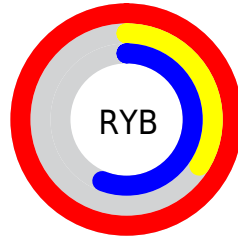
Distribution



Red (100%)

Green (34%)

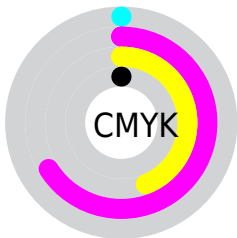
Blue (56%)



Red (100%)

Yellow (34%)

Blue (56%)

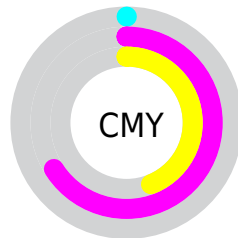


Cyan (0%)

Magenta (66%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (66%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0596, 0.4558, 0.2762 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 30.0596, 0.4558, 0.2762 by changing the saturation by 10% instead.


 30.0596, 0.4558,
0.2762


 30.0596, 0.4558,
0.2762


302.1822, 0.3794,
0.3053


 19.8838, 0.4762,
0.2681


 59.7564, 0.4270,
0.2874

 12.3106, 0.5031,
0.2573


 80.0463, 0.4165,
0.2914

 6.9556, 0.5400,
0.2421


 104.4762, 0.4077,
0.2947

 3.4343, 0.5928,
0.2196

 133.4308, 0.4003,
0.2975

 1.3625, 0.6725,
0.1841

167.2942, 0.3940,
0.2999

 0.1888, 0.9231,
0.0769

206.4510, 0.3885,

 0.0000, 1.0000,

0.3019

0.0000

251.2855, 0.3837,
0.3037

0.0000, 0.0000,
0.0000

30.0596, 0.4558,
0.2762

30.0596, 0.4558,
0.2762

26.1580, 0.4907,
0.2748

35.4988, 0.4233,
0.2812

23.6260, 0.5255,
0.2782

42.6138, 0.3947,
0.2887


22.2605, 0.5572,
0.2866

51.5306, 0.3703,
0.2974

21.9153, 0.5691,
0.2908

62.3625, 0.3499,
0.3065

75.2132, 0.3332,
0.3155

 90.1789, 0.3195,
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.



30.0596, 0.3455, 0.2199



30.0596, 0.4558, 0.2762



30.0596, 0.5196, 0.3437

Triad

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



30.0596, 0.4558, 0.2762



30.0596, 0.3525, 0.5332



30.0596, 0.1419, 0.1968

Complementary

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



30.0596, 0.4558, 0.2762



77.6715, 0.2576, 0.4002

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.



30.0596, 0.1422, 0.2591



30.0596, 0.4558, 0.2762



30.0596, 0.2551, 0.4910

Square

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



30.0596, 0.4558, 0.2762



30.0596, 0.4451, 0.4901



30.0596, 0.1790, 0.3704



30.0596, 0.1743, 0.1753

Rectangle

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



30.0596, 0.4558, 0.2762



30.0596, 0.5209, 0.3919



30.0596, 0.1790, 0.3704



30.0596, 0.1384, 0.2123

Sweetspot

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



30.0607, 0.4558, 0.2762



69.6658, 0.3397, 0.3118



26.1806, 0.2672, 0.1554



14.1450, 0.3444, 0.3093



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.



30.0607, 0.4558, 0.2762



25.2291, 0.5017, 0.2753



34.2117, 0.5096, 0.3551



18.0869, 0.3242, 0.3211



11.4758, 0.5647, 0.2885



1.1367, 0.5329, 0.2709

Inverse Universe

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



30.0607, 0.4558, 0.2762



25.2291, 0.5017, 0.2753



64.1858, 0.2268, 0.2944



18.0869, 0.3242, 0.3211



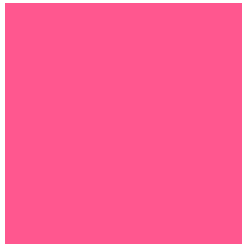
11.4758, 0.5647, 0.2885



1.1367, 0.5329, 0.2709

Previews

White Background



This preview shows how the Yxy color 30.0596, 0.4558, 0.2762 looks on a white background.

Color Contrast Check

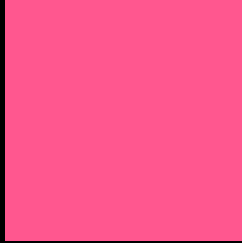
Large Text (above 18pt) WCAG AA × Fail

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 30.0596, 0.4558, 0.2762 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 ✓ Pass

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

Yxy 30.0596, 0.4558, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 30.0596, 0.4558, 0.2762.



This preview shows how white text looks on a background with the Yxy color 30.0596, 0.4558, 0.2762.

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

30.0596, 0.4558, 0.2762

Protanopia

30.2741, 0.2803, 0.2823

Deuteranopia

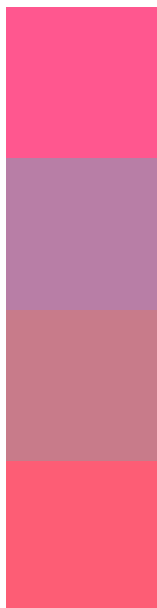
30.1308, 0.3491, 0.3426



Tritanopia

30.0205, 0.5043, 0.3240

Trichromacy



Original Color

30.0596, 0.4558, 0.2762

Protanomaly

27.8652, 0.3356, 0.2742

Deuteranomaly

28.2803, 0.3883, 0.3094

Tritanomaly

29.9957, 0.4874, 0.3069

Monochromacy



Original Color

30.0596, 0.4558, 0.2762

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.3699, 0.3621, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0596, 0.4558, 0.2762 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, 87, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 143)  
}
```

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, 87, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 143) }
```

Border

The CSS property to change the border of an element to Yxy 30.0596, 0.4558, 0.2762 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, 87, 143) }
```

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

```
.border{ border-color:rgb(255, 87, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 87, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0596, 0.4558, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 143) }
```

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

```
.background{ background-color: rgb(255, 87,  
143) }
```

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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