

Converting Colors

$Y_{xy}(30.6765, 0.4490, 0.2980)$

Have a look what the booklet for
Yxy(30.6765, 0.4490, 0.2980)
contains.

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Color

Yxy(30.6765, 0.4490, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	F36886
RGB	243, 104, 134
RGB Percent	95%, 41%, 53%
CMY	0.0470, 0.5922, 0.4745
CMYK	0.00, 0.57, 0.45, 0.05
HSL	347°, 85%, 68%
HSV	347°, 57%, 95%
XYZ	46.2206, 30.6765, 26.0441
YIQ	148.9810, 73.2140, 38.7980

Conversions

Conversions Part 2

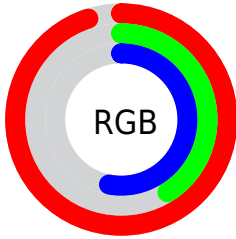
Format	Color
R_{YB}	243, 104, 134
Decimal	15952006
CIE _{Lab}	62.23, 55.98, 10.74
CIE _{LCh}	62, 56.996, 10.857
Yxy	30.6765, 0.4490, 0.2980
Android (android.graphics.Color)	4294142086 (0xFFFF36886)
YUV	148.9810, -7.3856, 82.4547
Hunter-Lab	55.3864, 52.0344, 10.8907

Details

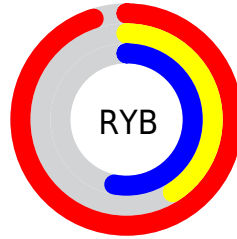
The Yxy color **30.6765, 0.4490, 0.2980** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **71.8576, 0.2542, 0.3669**, and the grayscale version is **30.0550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9895, 0.3779, 0.3009**, and **12.6340, 0.4937, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **25.9865, 0.4884, 0.2958**, and if you desaturate by 10%, it is **36.8747, 0.4138, 0.3023**.

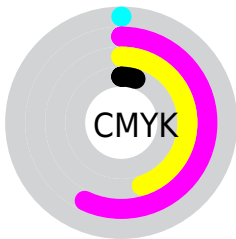
Distribution



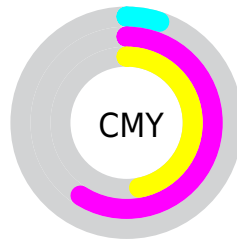
- Red (95%)
- Green (41%)
- Blue (53%)



- Red (95%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (57%)
- Yellow (45%)
- Black (5%)



- Cyan (5%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6765, 0.4490, 0.2980 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 30.6765, 0.4490, 0.2980 by changing the saturation by 10% instead.


 30.6765, 0.4490,
0.2980


 30.6765, 0.4490,
0.2980


305.0452, 0.3759,
0.3164

 20.3526, 0.4687,
0.2924


 60.7304, 0.4213,
0.3054

 12.6516, 0.4948,
0.2846


 81.2292, 0.4113,
0.3080

 7.1891, 0.5306,
0.2730


 105.8885, 0.4029,
0.3101

 3.5806, 0.5824,
0.2548

 135.0926, 0.3958,
0.3118

 1.4419, 0.6632,
0.2242

169.2259, 0.3898,
0.3132

 0.2473, 0.8823,
0.1177

208.6728, 0.3845,

 0.0000, 1.0000,

0.3145

0.0000

253.8178, 0.3799,
0.3155

■ 0.0000, 0.0000,
0.0000

■ 30.6765, 0.4490,
0.2980

■ 30.6765, 0.4490,
0.2980

■ 25.9865, 0.4884,
0.2958

■ 36.8747, 0.4138,
0.3023

■ 22.6698, 0.5295,
0.2967

■ 44.6908, 0.3839,
0.3077

■ 20.5759, 0.5681,
0.3013


■ 54.2302, 0.3591,
0.3136

■ 19.5084, 0.5995,
0.3094

■ 65.5878, 0.3389,
0.3195

■ 19.3100, 0.6068,
0.3117

■ 78.8515, 0.3225,
0.3252

 94.1036, 0.3093,
0.3304

 97.7977, 0.3054,
0.3290

Harmonies

Analogous

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



30.6765, 0.3625, 0.2445



30.6765, 0.4490, 0.2980



30.6765, 0.4912, 0.3602

Triad

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



30.6765, 0.4490, 0.2980



30.6765, 0.3324, 0.4971



30.6765, 0.1675, 0.2090

Complementary

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



30.6765, 0.4490, 0.2980



71.8576, 0.2542, 0.3669

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.



30.6765, 0.1619, 0.2567



30.6765, 0.4490, 0.2980



30.6765, 0.2496, 0.4425

Square

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



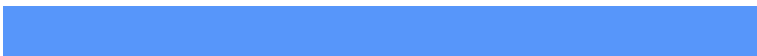
30.6765, 0.4490, 0.2980



30.6765, 0.4146, 0.4806



30.6765, 0.1887, 0.3423



30.6765, 0.2036, 0.1950

Rectangle

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



30.6765, 0.4490, 0.2980



30.6765, 0.4862, 0.4035



30.6765, 0.1887, 0.3423



30.6765, 0.1622, 0.2208

Sweetspot

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



30.6781, 0.4490, 0.2980



73.3932, 0.3386, 0.3196



30.5013, 0.2903, 0.1824



15.1255, 0.3423, 0.3185



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.



30.6781, 0.4490, 0.2980



28.1446, 0.4964, 0.2957



39.8167, 0.4597, 0.3709



16.5411, 0.3260, 0.3239



10.6125, 0.6032, 0.3097



0.9474, 0.5693, 0.2910

Inverse Universe

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



30.6781, 0.4490, 0.2980



28.1446, 0.4964, 0.2957



52.4229, 0.2303, 0.2782



16.5411, 0.3260, 0.3239



10.6125, 0.6032, 0.3097



0.9474, 0.5693, 0.2910

Previews

White Background



This preview shows how the Yxy color 30.6765, 0.4490, 0.2980 looks on a white background.

Color Contrast Check

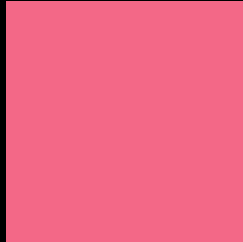
Large Text (above 18pt) WCAG AA × Fail

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 30.6765, 0.4490, 0.2980 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 30.6765, 0.4490, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 30.6765, 0.4490, 0.2980.



This preview shows how white text looks on a background with the Yxy color 30.6765, 0.4490, 0.2980.

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

30.6765, 0.4490, 0.2980

Protanopia

30.8952, 0.3053, 0.3152

Deuteranopia

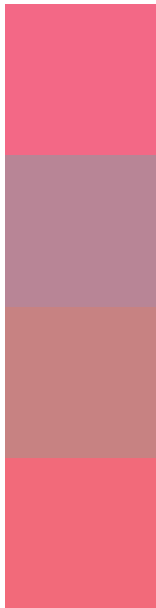
30.8080, 0.3618, 0.3541



Tritanopia

30.6304, 0.4716, 0.3212

Trichromacy



Original Color

30.6765, 0.4490, 0.2980

Protanomaly

29.1674, 0.3523, 0.3053

Deuteranomaly

29.7191, 0.3940, 0.3292

Tritanomaly

30.5905, 0.4630, 0.3128

Monochromacy



Original Color

30.6765, 0.4490, 0.2980

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.8560, 0.3581, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6765, 0.4490, 0.2980 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(243, 104, 134)` looks like.

```
.text, #text, p{  
    color:rgb(243, 104, 134)  
}
```

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(243, 104, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 104, 134) }
```

Border

The CSS property to change the border of an element to Yxy 30.6765, 0.4490, 0.2980 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(243, 104, 134) }
```

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

```
.border{ border-color:rgb(243, 104, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 104, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 104, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 104, 134);  
box-shadow:4px 4px 4px 4px rgb(243, 104,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6765, 0.4490, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 104, 134) }
```

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

```
.background{ background-color: rgb(243,  
104, 134) }
```

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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