

Converting Colors

$Y_{xy}(31.7307, 0.4480, 0.3053)$

Have a look what the booklet for
Yxy(31.7307, 0.4480, 0.3053)
contains.

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Color

Yxy(31.8725, 0.4487, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	F36E84
RGB	243, 110, 132
RGB Percent	95%, 43%, 52%
CMY	0.0470, 0.5686, 0.4824
CMYK	0.00, 0.55, 0.46, 0.05
HSL	350°, 85%, 69%
HSV	350°, 55%, 95%
XYZ	46.7054, 31.8725, 25.5126
YIQ	152.2750, 72.2060, 35.0380

Conversions

Conversions Part 2

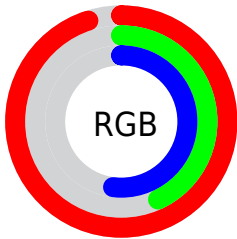
Format	Color
R_{YB}	243, 110, 132
Decimal	15953540
CIE Lab	63.24, 53.02, 13.32
CIE LCh	63, 54.666, 14.099
Yxy	31.8725, 0.4487, 0.3062
Android (android.graphics.Color)	4294143620 (0xFFFF36E84)
YUV	152.2750, -9.9956, 79.5658
Hunter-Lab	56.4557, 48.8741, 12.7256

Details

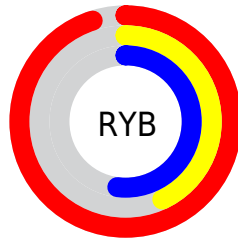
The Yxy color **31.8725, 0.4487, 0.3062** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **72.6466, 0.2527, 0.3562**, and the grayscale version is **31.5449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6730, 0.3785, 0.3082**, and **13.3020, 0.4926, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **26.8276, 0.4898, 0.3043**, and if you desaturate by 10%, it is **38.4662, 0.4123, 0.3096**.

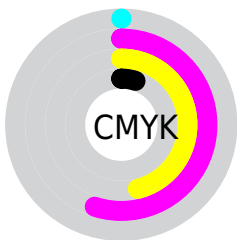
Distribution



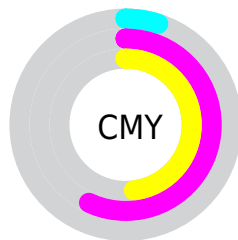
- Red (95%)
- Green (43%)
- Blue (52%)



- Red (95%)
- Yellow (43%)
- Blue (52%)



- Cyan (0%)
- Magenta (55%)
- Yellow (46%)
- Black (5%)




- Cyan (5%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8725, 0.4487, 0.3062 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 31.8725, 0.4487, 0.3062 by changing the saturation by 10% instead.


 31.8725, 0.4487,
0.3062


 31.8725, 0.4487,
0.3062


310.5380, 0.3761,
0.3206

 21.2641, 0.4682,
0.3016


 62.6112, 0.4213,
0.3122


 13.3172, 0.4938,
0.2950

 83.5102, 0.4113,
0.3142

 7.6473, 0.5289,
0.2850


 108.6083, 0.4030,
0.3158

 3.8701, 0.5793,
0.2690

 138.2899, 0.3959,
0.3171

 1.6012, 0.6582,
0.2415

172.9392, 0.3899,
0.3182

 0.3584, 0.8420,
0.1580

212.9407, 0.3846,

 0.0000, 1.0000,

0.3191

0.0000

258.6789, 0.3801,
0.3199

■ 0.0000, 0.0000,
0.0000

■ 31.8725, 0.4487,
0.3062

■ 31.8725, 0.4487,
0.3062

■ 26.8276, 0.4898,
0.3043

■ 38.4662, 0.4123,
0.3096

■ 23.1995, 0.5331,
0.3049

■ 46.7165, 0.3816,
0.3139

■ 20.8427, 0.5738,
0.3084

■ 56.7272, 0.3563,
0.3184

■ 19.5773, 0.6063,
0.3148

■ 68.5923, 0.3359,
0.3229

■ 19.2114, 0.6192,
0.3185

■ 82.3991, 0.3194,
0.3271

97.7133, 0.3061,
0.3303

97.7971, 0.3054,
0.3290

Harmonies

Analogous

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



31.8725, 0.3699, 0.2533



31.8725, 0.4487, 0.3062



31.8725, 0.4832, 0.3668

Triad

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



31.8725, 0.4487, 0.3062



31.8725, 0.3236, 0.4852



31.8725, 0.1759, 0.2118

Complementary

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



31.8725, 0.4487, 0.3062



72.6466, 0.2527, 0.3562

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.



31.8725, 0.1675, 0.2542



31.8725, 0.4487, 0.3062



31.8725, 0.2456, 0.4266

Square

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



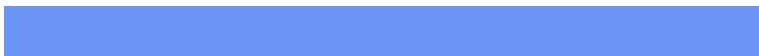
31.8725, 0.4487, 0.3062



31.8725, 0.4030, 0.4778



31.8725, 0.1902, 0.3320



31.8725, 0.2141, 0.2009

Rectangle

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



31.8725, 0.4487, 0.3062



31.8725, 0.4752, 0.4082



31.8725, 0.1902, 0.3320



31.8725, 0.1698, 0.2221

Sweetspot

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



31.8742, 0.4487, 0.3062



74.6718, 0.3383, 0.3223



32.9713, 0.2979, 0.1906



15.3732, 0.3423, 0.3214



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.



31.8742, 0.4487, 0.3062



29.2545, 0.4960, 0.3043



43.4056, 0.4460, 0.3767



16.5272, 0.3268, 0.3251



10.5556, 0.6161, 0.3168



0.9404, 0.5848, 0.2995

Inverse Universe

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



31.8742, 0.4487, 0.3062



29.2545, 0.4960, 0.3043



50.4845, 0.2313, 0.2718



16.5272, 0.3268, 0.3251



10.5556, 0.6161, 0.3168



0.9404, 0.5848, 0.2995

Previews

White Background



This preview shows how the Yxy color 31.8725, 0.4487, 0.3062 looks on a white background.

Color Contrast Check

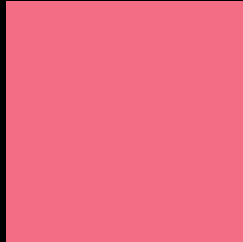
Large Text (above 18pt) WCAG AA × Fail

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 31.8725, 0.4487, 0.3062 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 31.8725, 0.4487, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 31.8725, 0.4487, 0.3062.



This preview shows how white text looks on a background with the Yxy color 31.8725, 0.4487, 0.3062.

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

31.8725, 0.4487, 0.3062

Protanopia

32.2169, 0.3139, 0.3260

Deuteranopia

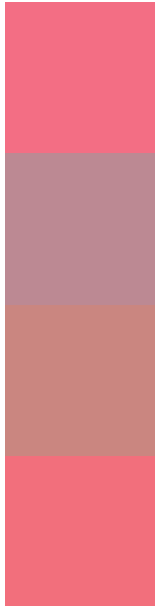
32.1511, 0.3672, 0.3609



Tritanopia

31.8217, 0.4621, 0.3210

Trichromacy



Original Color

31.8725, 0.4487, 0.3062

Protanomaly

30.6893, 0.3591, 0.3153

Deuteranomaly

31.1653, 0.3979, 0.3371

Tritanomaly

31.7014, 0.4575, 0.3157

Monochromacy



Original Color

31.8725, 0.4487, 0.3062

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2499, 0.3580, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8725, 0.4487, 0.3062 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, 110, 132)` looks like.

```
.text, #text, p{  
    color:rgb(243, 110, 132)  
}
```

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, 110, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 110, 132) }
```

Border

The CSS property to change the border of an element to Yxy 31.8725, 0.4487, 0.3062 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, 110, 132) }
```

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

```
.border{ border-color:rgb(243, 110, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 110, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(243, 110,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8725, 0.4487, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 110, 132) }
```

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

```
.background{ background-color: rgb(243,  
110, 132) }
```

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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