

Converting Colors

$Yxy(63.1832, 0.3459, 0.3204)$

Have a look what the booklet for
Yxy(63.1832, 0.3459, 0.3204)
contains.

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Color

Yxy(63.2520, 0.3462, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	F5C4CC
RGB	245, 196, 204
RGB Percent	96%, 77%, 80%
CMY	0.0391, 0.2314, 0.2000
CMYK	0.00, 0.20, 0.17, 0.04
HSL	350°, 71%, 86%
HSV	350°, 20%, 96%
XYZ	68.3027, 63.2520, 65.7379
YIQ	211.5630, 26.6360, 12.8760

Conversions

Conversions Part 2

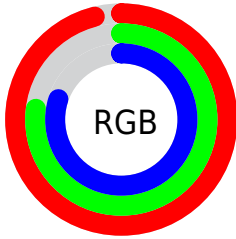
Format	Color
R _Y B	245, 196, 204
Decimal	16106700
CIE Lab	83.57, 18.65, 2.64
CIE LCh	84, 18.839, 8.067
Yxy	63.2520, 0.3462, 0.3206
Android (android.graphics.Color)	4294296780 (0xFFFF5C4CC)
YUV	211.5630, -3.7286, 29.3242
Hunter-Lab	79.5311, 14.1194, 6.6646

Details

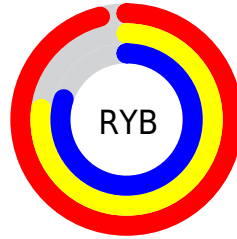
The Yxy color **63.2520, 0.3462, 0.3206** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1725, 0.2870, 0.3376**, and the grayscale version is **65.5483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **32.2394, 0.3544, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **52.1695, 0.3692, 0.3161**, and if you desaturate by 10%, it is **76.2747, 0.3277, 0.3249**.

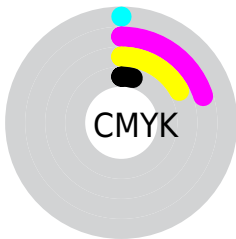
Distribution



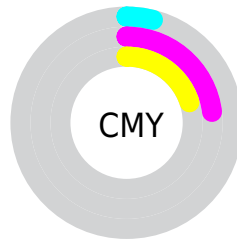
- Red (96%)
- Green (77%)
- Blue (80%)



- Red (96%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2520, 0.3462, 0.3206 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 63.2520, 0.3462, 0.3206 by changing the saturation by 10% instead.


 63.2520, 0.3462,
0.3206

 63.2520, 0.3462,
0.3206


436.4835, 0.3302,
0.3247

 46.0451, 0.3500,
0.3196


 109.5330, 0.3406,
0.3221

 32.2814, 0.3547,
0.3183


139.3759, 0.3384,
0.3226

 21.5765, 0.3608,
0.3167


174.1995, 0.3366,
0.3231

 13.5461, 0.3689,
0.3145

214.3884, 0.3350,
0.3235

 7.8056, 0.3803,
0.3113

260.3268, 0.3336,
0.3239

 3.9708, 0.3975,
0.3063


312.3992, 0.3323,

 1.6573, 0.4261,


0.3242


0.2976


370.9900, 0.3312,
0.3245


 0.3958, 0.5644,
0.2686


 0.0000, 0.0000,
0.0000


 63.2520, 0.3462,
0.3206


 63.2520, 0.3462,
0.3206


 52.1695, 0.3692,
0.3161


 76.2747, 0.3277,
0.3249

 42.9261, 0.3973,
0.3118

 91.3154, 0.3127,
0.3290

 35.4245, 0.4312,
0.3079

 98.1576, 0.3066,
0.3290

 29.5551, 0.4704,
0.3053

■ 25.1956, 0.5132,
0.3046

■ 22.2065, 0.5559,
0.3067

■ 20.4222, 0.5929,
0.3118

■ 19.5710, 0.6197,
0.3187

Harmonies

Analogous

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



63.2520, 0.3247, 0.3031



63.2520, 0.3462, 0.3206



63.2520, 0.3586, 0.3407

Triad

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



63.2520, 0.3462, 0.3206



63.2520, 0.3235, 0.3696



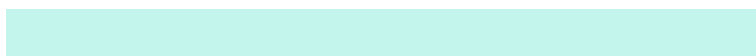
63.2520, 0.2691, 0.2975

Complementary

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



63.2520, 0.3462, 0.3206



83.1725, 0.2870, 0.3376

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.



63.2520, 0.2689, 0.3144



63.2520, 0.3462, 0.3206



63.2520, 0.2997, 0.3572

Square

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



63.2520, 0.3462, 0.3206



63.2520, 0.3450, 0.3698



63.2520, 0.2799, 0.3365



63.2520, 0.2805, 0.2897

Rectangle

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



63.2520, 0.3462, 0.3206



63.2520, 0.3598, 0.3533



63.2520, 0.2799, 0.3365



63.2520, 0.2678, 0.3023

Sweetspot

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



63.2549, 0.3462, 0.3206



89.8265, 0.3213, 0.3266



64.0515, 0.3089, 0.2783



19.0001, 0.3223, 0.3263



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

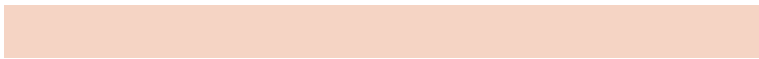
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2549, 0.3462, 0.3206



64.1045, 0.3549, 0.3188



70.6596, 0.3493, 0.3463



16.5267, 0.3268, 0.3252



10.5537, 0.6166, 0.3170



0.9401, 0.5854, 0.2998

Inverse Universe

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



63.2549, 0.3462, 0.3206



64.1045, 0.3549, 0.3188



74.1931, 0.2816, 0.3110



16.5267, 0.3268, 0.3252



10.5537, 0.6166, 0.3170



0.9401, 0.5854, 0.2998

Previews

White Background



This preview shows how the Yxy color 63.2520, 0.3462, 0.3206 looks on a white background.

Color Contrast Check

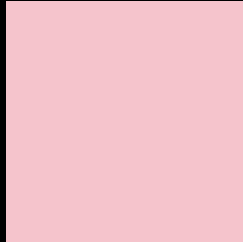
Large Text (above 18pt) WCAG AA × Fail

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 63.2520, 0.3462, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

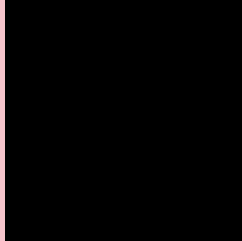
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2520, 0.3462, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 63.2520, 0.3462, 0.3206.



This preview shows how white text looks on a background with the Yxy color 63.2520, 0.3462, 0.3206.

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

63.2520, 0.3462, 0.3206

Protanopia

63.8119, 0.3136, 0.3256

Deuteranopia

63.5418, 0.3347, 0.3280



Tritanopia

63.2762, 0.3424, 0.3133

Trichromacy



Original Color

63.2520, 0.3462, 0.3206

Protanomaly

63.5871, 0.3253, 0.3246

Deuteranomaly

63.4532, 0.3390, 0.3258

Tritanomaly

63.1771, 0.3440, 0.3154

Monochromacy



Original Color

63.2520, 0.3462, 0.3206

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.5934, 0.3243, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2520, 0.3462, 0.3206 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(245, 196, 204)` looks like.

```
.text, #text, p{  
    color:rgb(245, 196, 204)  
}
```

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(245, 196, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 196, 204) }
```

Border

The CSS property to change the border of an element to Yxy 63.2520, 0.3462, 0.3206 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(245, 196, 204) }
```

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

```
.border{ border-color:rgb(245, 196, 204) }
```

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

Here you see how a box with a 4 pixel rgb(245, 196, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 196, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 196, 204);  
box-shadow:4px 4px 4px 4px rgb(245, 196,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2520, 0.3462, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 196, 204) }
```

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

```
.background{ background-color: rgb(245,  
196, 204) }
```

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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