

Converting Colors

Yxy(60.1464, 0.3467, 0.3159)

Have a look what the booklet for
Yxy(60.1464, 0.3467, 0.3159)
contains.

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Color

Yxy(60.1459, 0.3472, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	F3BECA
RGB	243, 190, 202
RGB Percent	95%, 75%, 79%
CMY	0.0470, 0.2549, 0.2077
CMYK	0.00, 0.22, 0.17, 0.05
HSL	346°, 69%, 85%
HSV	346°, 22%, 95%
XYZ	66.0426, 60.1459, 64.0263
YIQ	207.2150, 27.7360, 14.9680

Conversions

Conversions Part 2

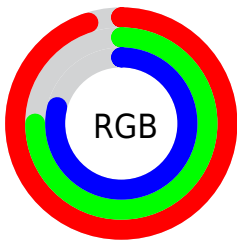
Format	Color
R _Y B	243, 190, 202
Decimal	15974090
CIE Lab	81.92, 20.80, 1.27
CIE LCh	82, 20.839, 3.483
Yxy	60.1459, 0.3472, 0.3162
Android (android.graphics.Color)	4294164170 (0xFF3BECA)
YUV	207.2150, -2.5710, 31.3834
Hunter-Lab	77.5538, 16.2863, 5.3395

Details

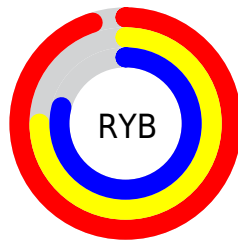
The Yxy color $60.1459, 0.3472, 0.3162$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.8239, 0.2867, 0.3423$, and the grayscale version is $62.5493, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $30.1855, 0.3560, 0.3124$ is the 20% darker color. If you saturate the color by 10%, you get $49.6484, 0.3691, 0.3100$, and if you desaturate by 10%, it is $72.5122, 0.3294, 0.3223$.

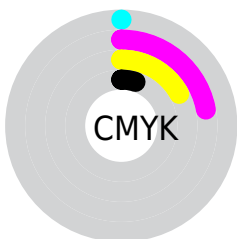
Distribution



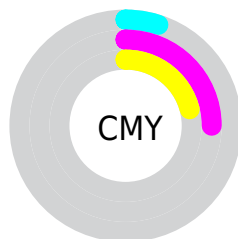
- Red (95%)
- Green (75%)
- Blue (79%)



- Red (95%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1459, 0.3472, 0.3162 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 60.1459, 0.3472, 0.3162 by changing the saturation by 10% instead.


 60.1459, 0.3472,
0.3162

 60.1459, 0.3472,
0.3162


425.1353, 0.3307,
0.3224

 43.5362, 0.3511,
0.3147


 105.0413, 0.3413,
0.3184

 30.3061, 0.3561,
0.3128


134.0958, 0.3391,
0.3193

 20.0710, 0.3625,
0.3104


168.0674, 0.3372,
0.3200

 12.4467, 0.3711,
0.3071

207.3405, 0.3355,
0.3206

 7.0487, 0.3833,
0.3024

252.2994, 0.3341,
0.3211

 3.4926, 0.4018,
0.2951

303.3286, 0.3328,

 1.3940, 0.4334,

0.3216

0.2826

360.8124, 0.3317,
0.3220

0.2123, 0.6666,
0.1994

0.0000, 0.0000,
0.0000

60.1459, 0.3472,
0.3162

60.1459, 0.3472,
0.3162

49.6484, 0.3691,
0.3100

72.5122, 0.3294,
0.3223

40.9206, 0.3958,
0.3039

86.8236, 0.3150,
0.3280

33.8668, 0.4277,
0.2986

97.7970, 0.3054,
0.3290

28.3789, 0.4644,
0.2949

■ 24.3360, 0.5044,
0.2938

■ 21.5994, 0.5445,
0.2963

■ 20.0025, 0.5803,
0.3028

■ 19.3345, 0.6037,
0.3100

Harmonies

Analogous

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



60.1459, 0.3220, 0.2975



60.1459, 0.3472, 0.3162



60.1459, 0.3632, 0.3385

Triad

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



60.1459, 0.3472, 0.3162



60.1459, 0.3288, 0.3758



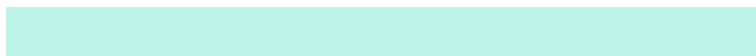
60.1459, 0.2630, 0.2959

Complementary

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



60.1459, 0.3472, 0.3162



80.8239, 0.2867, 0.3423

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.



60.1459, 0.2647, 0.3160



60.1459, 0.3472, 0.3162



60.1459, 0.3020, 0.3638

Square

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



60.1459, 0.3472, 0.3162



60.1459, 0.3520, 0.3737



60.1459, 0.2787, 0.3413



60.1459, 0.2739, 0.2856

Rectangle

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



60.1459, 0.3472, 0.3162



60.1459, 0.3660, 0.3530



60.1459, 0.2787, 0.3413



60.1459, 0.2622, 0.3016

Sweetspot

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



60.1486, 0.3472, 0.3162



88.2783, 0.3221, 0.3251



60.2271, 0.3058, 0.2731



18.6899, 0.3230, 0.3247



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.



60.1486, 0.3472, 0.3162



61.8741, 0.3560, 0.3136



66.0244, 0.3540, 0.3443



16.5441, 0.3258, 0.3236



10.6270, 0.6001, 0.3079



0.9490, 0.5658, 0.2890

Inverse Universe

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



60.1486, 0.3472, 0.3162



61.8741, 0.3560, 0.3136



73.3883, 0.2791, 0.3132



16.5441, 0.3258, 0.3236



10.6270, 0.6001, 0.3079



0.9490, 0.5658, 0.2890

Previews

White Background



This preview shows how the Yxy color 60.1459, 0.3472, 0.3162 looks on a white background.

Color Contrast Check

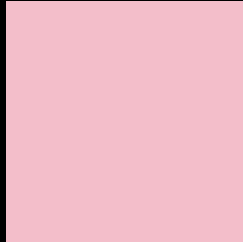
Large Text (above 18pt) WCAG AA × Fail

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 60.1459, 0.3472, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

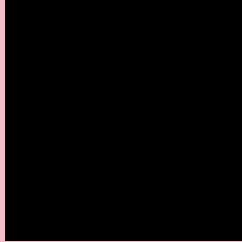
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1459, 0.3472, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 60.1459, 0.3472, 0.3162.



This preview shows how white text looks on a background with the Yxy color 60.1459, 0.3472, 0.3162.

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

60.1459, 0.3472, 0.3162

Protanopia

60.4371, 0.3108, 0.3220

Deuteranopia

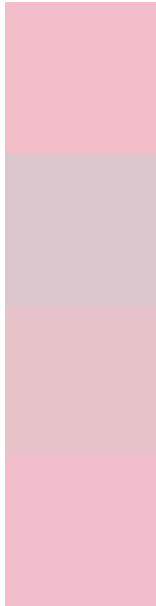
60.1571, 0.3321, 0.3246



Tritanopia

60.2412, 0.3456, 0.3141

Trichromacy



Original Color

60.1459, 0.3472, 0.3162

Protanomaly

59.9045, 0.3234, 0.3200

Deuteranomaly

59.9564, 0.3383, 0.3214

Tritanomaly

60.1934, 0.3464, 0.3152

Monochromacy



Original Color

60.1459, 0.3472, 0.3162

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3967, 0.3247, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1459, 0.3472, 0.3162 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, 190, 202)` looks like.

```
.text, #text, p{  
    color:rgb(243, 190, 202)  
}
```

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, 190, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 190, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.1459, 0.3472, 0.3162 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, 190, 202) }
```

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

```
.border{ border-color:rgb(243, 190, 202) }
```

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

Here you see how a box with a 4 pixel rgb(243, 190, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(243, 190,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1459, 0.3472, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 190, 202) }
```

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

```
.background{ background-color: rgb(243,  
190, 202) }
```

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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