

Converting Colors

Yxy(60.9876, 0.3391, 0.3187)

Have a look what the booklet for
Yxy(60.9876, 0.3391, 0.3187)
contains.

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Color

Yxy(60.7761, 0.3392, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	ECC2CC
RGB	236, 194, 204
RGB Percent	93%, 76%, 80%
CMY	0.0744, 0.2392, 0.2000
CMYK	0.00, 0.18, 0.14, 0.07
HSL	346°, 53%, 84%
HSV	346°, 18%, 93%
XYZ	64.7871, 60.7761, 65.4365
YIQ	207.6980, 21.8220, 12.0140

Conversions

Conversions Part 2

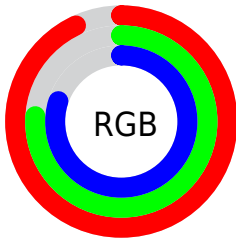
Format	Color
R _Y B	236, 194, 204
Decimal	15516364
CIE Lab	82.26, 16.51, 0.63
CIE LCh	82, 16.520, 2.194
Yxy	60.7761, 0.3392, 0.3182
Android (android.graphics.Color)	4293706444 (0xFFECC2CC)
YUV	207.6980, -1.8231, 24.8209
Hunter-Lab	77.9590, 11.9124, 4.8051

Details

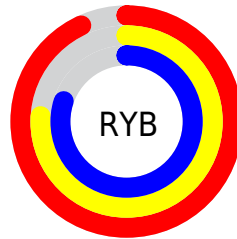
The Yxy color **60.7761, 0.3392, 0.3182** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9652, 0.2916, 0.3401**, and the grayscale version is **62.8746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **30.6615, 0.3462, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **50.2802, 0.3590, 0.3117**, and if you desaturate by 10%, it is **73.0456, 0.3231, 0.3244**.

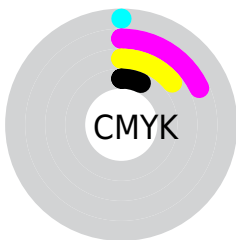
Distribution



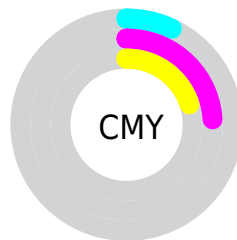
- Red (93%)
- Green (76%)
- Blue (80%)



- Red (93%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7761, 0.3392, 0.3182 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 60.7761, 0.3392, 0.3182 by changing the saturation by 10% instead.


 60.7761, 0.3392,
0.3182

 60.7761, 0.3392,
0.3182

427.4526, 0.3265,
0.3234

 44.0445, 0.3422,
0.3170

 105.9547, 0.3347,
0.3200

 30.7055, 0.3460,
0.3154


135.1704, 0.3330,
0.3207

 20.3747, 0.3509,
0.3134

169.3164, 0.3315,
0.3214

 12.6677, 0.3574,
0.3107

208.7769, 0.3303,
0.3219

 7.2001, 0.3667,
0.3068

253.9364, 0.3291,
0.3223

 3.5876, 0.3808,
0.3009

305.1792, 0.3282,

 1.4456, 0.4047,


0.3227


0.2908


362.8898, 0.3273,
0.3231

 0.2500, 0.5727,
0.2235

 0.0000, 0.0000,
0.0000


 60.7761, 0.3392,
0.3182


 60.7761, 0.3392,
0.3182

 50.2802, 0.3590,
0.3117


 73.0456, 0.3231,
0.3244

 41.4677, 0.3833,
0.3052

 87.1571, 0.3101,
0.3302

 34.2529, 0.4125,
0.2993

 96.5766, 0.3011,
0.3290

 28.5393, 0.4467,
0.2945

■ 24.2196, 0.4850,
0.2921

■ 21.1726, 0.5250,
0.2929

■ 19.2557, 0.5629,
0.2977

■ 18.2761, 0.5943,
0.3062

■ 18.1233, 0.6003,
0.3080

Harmonies

Analogous

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



60.7761, 0.3192, 0.3033



60.7761, 0.3392, 0.3182



60.7761, 0.3521, 0.3361

Triad

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



60.7761, 0.3392, 0.3182



60.7761, 0.3265, 0.3659



60.7761, 0.2730, 0.3035

Complementary

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



60.7761, 0.3392, 0.3182



76.9652, 0.2916, 0.3401

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.



60.7761, 0.2748, 0.3198



60.7761, 0.3392, 0.3182



60.7761, 0.3053, 0.3568

Square

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



60.7761, 0.3392, 0.3182



60.7761, 0.3445, 0.3641



60.7761, 0.2865, 0.3396



60.7761, 0.2813, 0.2946

Rectangle

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



60.7761, 0.3392, 0.3182



60.7761, 0.3547, 0.3477



60.7761, 0.2865, 0.3396



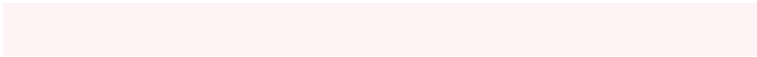
60.7761, 0.2725, 0.3082

Sweetspot

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



60.7788, 0.3392, 0.3182



91.5230, 0.3192, 0.3261



60.7310, 0.3067, 0.2838



19.3444, 0.3202, 0.3257



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.



60.7788, 0.3392, 0.3182



68.1078, 0.3453, 0.3161



65.1575, 0.3452, 0.3405



15.1128, 0.3255, 0.3234



10.0046, 0.5964, 0.3059



0.8002, 0.5577, 0.2846

Inverse Universe

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



60.7788, 0.3392, 0.3182



68.1078, 0.3453, 0.3161



71.6564, 0.2853, 0.3172



15.1128, 0.3255, 0.3234



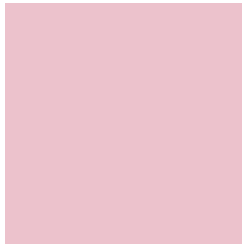
10.0046, 0.5964, 0.3059



0.8002, 0.5577, 0.2846

Previews

White Background



This preview shows how the Yxy color 60.7761, 0.3392, 0.3182 looks on a white background.

Color Contrast Check

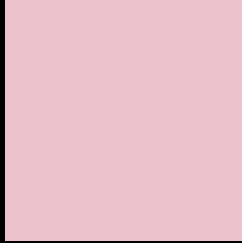
Large Text (above 18pt) WCAG AA × Fail

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 60.7761, 0.3392, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

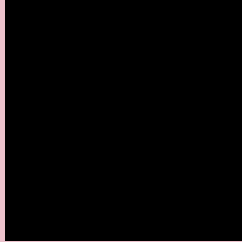
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7761, 0.3392, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 60.7761, 0.3392, 0.3182.



This preview shows how white text looks on a background with the Yxy color 60.7761, 0.3392, 0.3182.

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

60.7761, 0.3392, 0.3182

Protanopia

61.1043, 0.3108, 0.3221

Deuteranopia

60.7075, 0.3305, 0.3235



Tritanopia

60.6985, 0.3370, 0.3128

Trichromacy



Original Color

60.7761, 0.3392, 0.3182

Protanomaly

60.7680, 0.3210, 0.3200

Deuteranomaly

60.9023, 0.3338, 0.3224

Tritanomaly

60.6494, 0.3378, 0.3139

Monochromacy



Original Color

60.7761, 0.3392, 0.3182

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1223, 0.3214, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7761, 0.3392, 0.3182 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(236, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(236, 194, 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(236, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 60.7761, 0.3392, 0.3182 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(236, 194, 204) }
```

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

```
.border{ border-color:rgb(236, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 194, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 194, 204); box-shadow:4px 4px 4px 4px rgb(236, 194, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7761, 0.3392, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 194, 204) }
```

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

```
.background{ background-color: rgb(236,  
194, 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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