

Converting Colors

$Yxy(60.0537, 0.3534, 0.3366)$

Have a look what the booklet for
Yxy(60.0537, 0.3534, 0.3366)
contains.

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Color

Yxy(60.1760, 0.3537, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	EDC2BB
RGB	237, 194, 187
RGB Percent	93%, 76%, 73%
CMY	0.0704, 0.2392, 0.2667
CMYK	0.00, 0.18, 0.21, 0.07
HSL	8°, 58%, 83%
HSV	8°, 21%, 93%
XYZ	63.1955, 60.1760, 55.2983
YIQ	206.0590, 27.8750, 6.9390

Conversions

Conversions Part 2

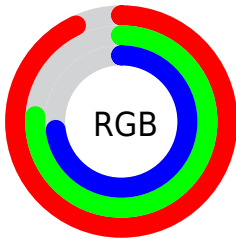
Format	Color
R _Y B	237, 195, 187
Decimal	15581883
CIE Lab	81.93, 14.27, 9.28
CIE LCh	82, 17.026, 33.039
Yxy	60.1760, 0.3537, 0.3368
Android (android.graphics.Color)	4293771963 (0xFFEDC2BB)
YUV	206.0590, -9.3961, 27.1353
Hunter-Lab	77.5732, 9.6631, 12.0362

Details

The Yxy color **60.1760, 0.3537, 0.3368** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3013, 0.2807, 0.3211**, and the grayscale version is **61.8126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7254, 0.3200, 0.3367**, and **30.1807, 0.3638, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **50.7835, 0.3800, 0.3408**, and if you desaturate by 10%, it is **70.9870, 0.3321, 0.3330**.

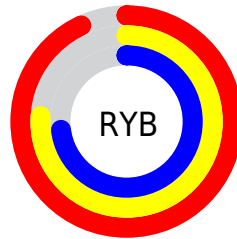
Distribution



Red (93%)

Green (76%)

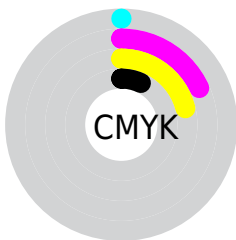
Blue (73%)



Red (93%)

Yellow (76%)

Blue (73%)

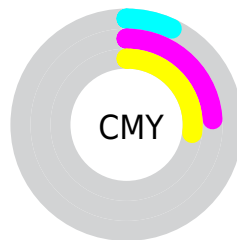


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (7%)



Cyan (7%)


Magenta (24%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1760, 0.3537, 0.3368 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 60.1760, 0.3537, 0.3368 by changing the saturation by 10% instead.


 60.1760, 0.3537,
0.3368

 60.1760, 0.3537,
0.3368


425.2462, 0.3339,
0.3334

 43.5605, 0.3584,
0.3375


 105.0849, 0.3467,
0.3357

 30.3251, 0.3644,
0.3384


134.1472, 0.3440,
0.3352

 20.0855, 0.3721,
0.3394


168.1271, 0.3417,
0.3348

 12.4572, 0.3825,
0.3407

207.4092, 0.3397,
0.3345

 7.0559, 0.3973,
0.3421

252.3777, 0.3380,
0.3341

 3.4971, 0.4199,
0.3437

303.4171, 0.3365,

 1.3964, 0.4594,

0.3339

0.3454

360.9118, 0.3351,
0.3336

0.2141, 0.7205,
0.2795

0.0000, 0.0000,
0.0000

60.1760, 0.3537,
0.3368

60.1760, 0.3537,
0.3368

50.7835, 0.3800,
0.3408

70.9870, 0.3321,
0.3330

42.7428, 0.4118,
0.3446

83.2636, 0.3145,
0.3294

35.9938, 0.4491,
0.3480

96.7509, 0.3018,
0.3290

30.4687, 0.4911,
0.3503

■ 26.0938, 0.5353,
0.3507

■ 22.7868, 0.5768,
0.3486

■ 20.4545, 0.6098,
0.3439

■ 19.1049, 0.6291,
0.3387

Harmonies

Analogous

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



60.1760, 0.3406, 0.3183



60.1760, 0.3537, 0.3368



60.1760, 0.3553, 0.3541

Triad

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



60.1760, 0.3537, 0.3368



60.1760, 0.3044, 0.3574



60.1760, 0.2806, 0.2934

Complementary

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



60.1760, 0.3537, 0.3368



73.3013, 0.2807, 0.3211

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.



60.1760, 0.2718, 0.3022



60.1760, 0.3537, 0.3368



60.1760, 0.2851, 0.3394

Square

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



60.1760, 0.3537, 0.3368



60.1760, 0.3263, 0.3670



60.1760, 0.2734, 0.3189



60.1760, 0.2981, 0.2938

Rectangle

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



60.1760, 0.3537, 0.3368



60.1760, 0.3497, 0.3626



60.1760, 0.2734, 0.3189



60.1760, 0.2766, 0.2953

Sweetspot

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



60.1787, 0.3537, 0.3368



90.9410, 0.3227, 0.3311



59.2860, 0.3202, 0.2832



19.2624, 0.3238, 0.3313



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.



60.1787, 0.3537, 0.3368



66.4135, 0.3636, 0.3384



72.1006, 0.3483, 0.3631



15.3934, 0.3289, 0.3324



10.5377, 0.6271, 0.3403



0.9343, 0.6048, 0.3580

Inverse Universe

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



73.3013, 0.2807, 0.3211



84.2975, 0.2750, 0.3194



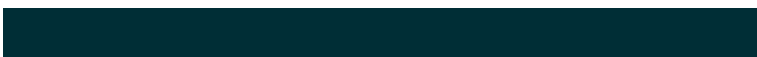
60.5109, 0.2787, 0.2923



16.7421, 0.2981, 0.3256



27.0337, 0.2123, 0.2842



2.2215, 0.2142, 0.2910

Previews

White Background



This preview shows how the Yxy color 60.1760, 0.3537, 0.3368 looks on a white background.

Color Contrast Check

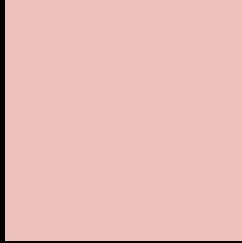
Large Text (above 18pt) WCAG AA × Fail

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 60.1760, 0.3537, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

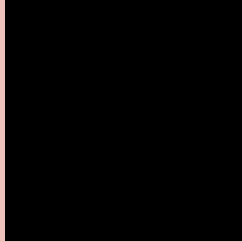
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1760, 0.3537, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 60.1760, 0.3537, 0.3368.

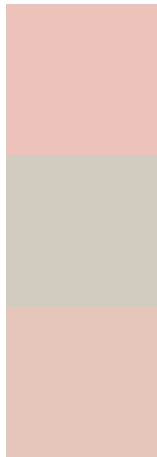


This preview shows how white text looks on a background with the Yxy color 60.1760, 0.3537, 0.3368.

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

60.1760, 0.3537, 0.3368

Protanopia

60.2193, 0.3262, 0.3419

Deuteranopia

60.3007, 0.3480, 0.3414



Tritanopia

60.0686, 0.3405, 0.3129

Trichromacy



Original Color

60.1760, 0.3537, 0.3368

Protanomaly

60.2419, 0.3361, 0.3405

Deuteranomaly

60.3487, 0.3507, 0.3402

Tritanomaly

59.9999, 0.3452, 0.3215

Monochromacy



Original Color

60.1760, 0.3537, 0.3368

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1163, 0.3266, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1760, 0.3537, 0.3368 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(237, 194, 187)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 187)  
}
```

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(237, 194, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 187) }
```

Border

The CSS property to change the border of an element to Yxy 60.1760, 0.3537, 0.3368 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(237, 194, 187) }
```

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

```
.border{ border-color:rgb(237, 194, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 194, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 187);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1760, 0.3537, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 187) }
```

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

```
.background{ background-color: rgb(237,  
194, 187) }
```

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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