

Converting Colors

$Y_{xy}(59.7758, 0.3468, 0.3473)$

Have a look what the booklet for
Yxy(59.7758, 0.3468, 0.3473)
contains.

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Color

Yxy(59.7731, 0.3468, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	E1C6B6
RGB	225, 198, 182
RGB Percent	88%, 78%, 71%
CMY	0.1177, 0.2235, 0.2863
CMYK	0.00, 0.12, 0.19, 0.12
HSL	22°, 42%, 80%
HSV	22°, 19%, 88%
XYZ	59.6870, 59.7731, 52.6478
YIQ	204.2490, 21.2280, 0.7480

Conversions

Conversions Part 2

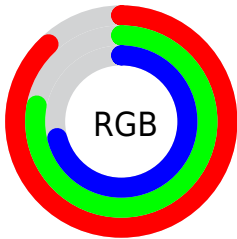
Format	Color
R _Y B	225, 207, 182
Decimal	14796470
CIE Lab	81.71, 6.99, 11.50
CIE LCh	82, 13.453, 58.711
Yxy	59.7731, 0.3468, 0.3473
Android (android.graphics.Color)	4292986550 (0xFFE1C6B6)
YUV	204.2490, -10.9688, 18.1986
Hunter-Lab	77.3131, 2.5073, 13.7445

Details

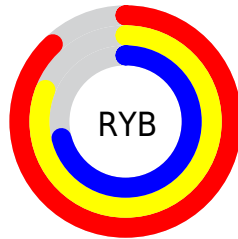
The Yxy color **59.7731, 0.3468, 0.3473** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.9753, 0.2830, 0.3100**, and the grayscale version is **60.6109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **29.9665, 0.3555, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **52.7607, 0.3691, 0.3575**, and if you desaturate by 10%, it is **67.5424, 0.3277, 0.3375**.

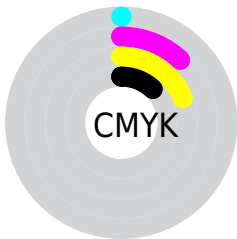
Distribution



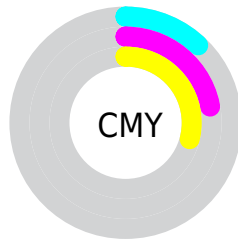
- Red (88%)
- Green (78%)
- Blue (71%)



- Red (88%)
- Yellow (81%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (12%)





- Cyan (12%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7731, 0.3468, 0.3473 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 59.7731, 0.3468, 0.3473 by changing the saturation by 10% instead.


 59.7731, 0.3468,
0.3473

 59.7731, 0.3468,
0.3473


423.7609, 0.3304,
0.3387

 43.2358, 0.3507,
0.3493


 104.5005, 0.3410,
0.3443

 30.0702, 0.3557,
0.3517

133.4593, 0.3387,
0.3432

 19.8918, 0.3621,
0.3548


167.3274, 0.3368,
0.3422

 12.3164, 0.3707,
0.3589

206.4891, 0.3352,
0.3413

 6.9596, 0.3829,
0.3645

251.3290, 0.3338,
0.3405

 3.4368, 0.4015,
0.3723

302.2313, 0.3325,

 1.3638, 0.4380,

0.3399

0.3886

359.5805, 0.3314,
0.3393

0.1898, 0.6490,
0.3510

0.0000, 0.0000,
0.0000

59.7731, 0.3468,
0.3473

59.7731, 0.3468,
0.3473

52.7607, 0.3691,
0.3575

67.5424, 0.3277,
0.3375

46.4735, 0.3948,
0.3677

76.0828, 0.3114,
0.3282

40.8895, 0.4239,
0.3773

85.4184, 0.2975,
0.3196

35.9824, 0.4560,
0.3853

94.4261, 0.2946,
0.3284

■ 31.7238, 0.4896,
0.3905

■ 94.7463, 0.2946,
0.3289

■ 28.0833, 0.5229,
0.3916

■ 25.0270, 0.5529,
0.3876

■ 22.5125, 0.5774,
0.3789

■ 22.3113, 0.5795,
0.3781

Harmonies

Analogous

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



59.7731, 0.3441, 0.3332



59.7731, 0.3468, 0.3473



59.7731, 0.3401, 0.3570

Triad

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



59.7731, 0.3468, 0.3473



59.7731, 0.2928, 0.3395



59.7731, 0.2989, 0.3004

Complementary

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



59.7731, 0.3468, 0.3473



60.9753, 0.2830, 0.3100

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.



59.7731, 0.2857, 0.3013



59.7731, 0.3468, 0.3473



59.7731, 0.2823, 0.3234

Square

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



59.7731, 0.3468, 0.3473



59.7731, 0.3087, 0.3529



59.7731, 0.2798, 0.3095



59.7731, 0.3160, 0.3067

Rectangle

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



59.7731, 0.3468, 0.3473



59.7731, 0.3313, 0.3595



59.7731, 0.2798, 0.3095



59.7731, 0.2938, 0.2998

Sweetspot

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



59.7758, 0.3468, 0.3473



93.0785, 0.3224, 0.3346



54.0779, 0.3274, 0.2985



19.7663, 0.3235, 0.3352



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.



59.7758, 0.3468, 0.3473



75.5012, 0.3554, 0.3514



70.1828, 0.3425, 0.3704



14.5323, 0.3283, 0.3378



13.0637, 0.5767, 0.3803



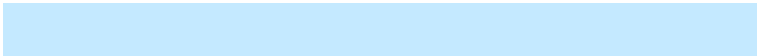
1.0733, 0.5477, 0.4034

Inverse Universe

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



60.9753, 0.2830, 0.3100



77.3731, 0.2767, 0.3054



51.2341, 0.2815, 0.2839



14.6697, 0.2981, 0.3201



14.3796, 0.1896, 0.2027



1.1666, 0.1957, 0.2243

Previews

White Background



This preview shows how the Yxy color 59.7731, 0.3468, 0.3473 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 59.7731, 0.3468, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

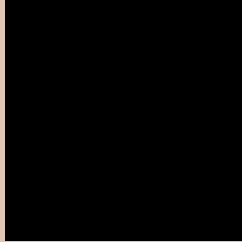
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7731, 0.3468, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 59.7731, 0.3468, 0.3473.



This preview shows how white text looks on a background with the Yxy color 59.7731, 0.3468, 0.3473.

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

59.7731, 0.3468, 0.3473

Protanopia

60.0214, 0.3329, 0.3514

Deuteranopia

59.6802, 0.3514, 0.3448



Tritanopia

59.6810, 0.3288, 0.3125

Trichromacy



Original Color

59.7731, 0.3468, 0.3473

Protanomaly

59.7911, 0.3381, 0.3500

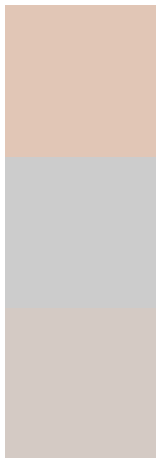
Deuteranomaly

59.8039, 0.3495, 0.3460

Tritanomaly

59.4846, 0.3356, 0.3246

Monochromacy



Original Color

59.7731, 0.3468, 0.3473

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2236, 0.3249, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7731, 0.3468, 0.3473 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(225, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(225, 198, 182)  
}
```

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(225, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 198, 182) }
```

Border

The CSS property to change the border of an element to Yxy 59.7731, 0.3468, 0.3473 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(225, 198, 182) }
```

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

```
.border{ border-color:rgb(225, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 198, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 198, 182); box-shadow:4px 4px 4px 4px rgb(225, 198, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7731, 0.3468, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 198, 182) }
```

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

```
.background{ background-color: rgb(225,  
198, 182) }
```

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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