

Converting Colors

$Yxy(67.1715, 0.3306, 0.3194)$

Have a look what the booklet for
Yxy(67.1715, 0.3306, 0.3194)
contains.

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Color

Yxy(67.2261, 0.3308, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	EECED7
RGB	238, 206, 215
RGB Percent	93%, 81%, 84%
CMY	0.0665, 0.1922, 0.1570
CMYK	0.00, 0.13, 0.10, 0.07
HSL	343°, 49%, 87%
HSV	343°, 13%, 93%
XYZ	69.6037, 67.2261, 73.5805
YIQ	216.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

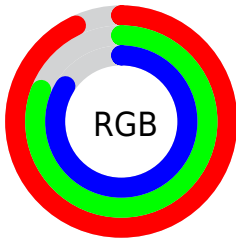
Format	Color
R _Y B	238, 206, 215
Decimal	15650519
CIE Lab	85.62, 12.67, -0.30
CIE LCh	86, 12.675, 358.622
Yxy	67.2261, 0.3308, 0.3195
Android (android.graphics.Color)	4293840599 (0xFFEECED7)
YUV	216.5940, -0.7858, 18.7731
Hunter-Lab	81.9915, 8.0459, 4.1863

Details

The Yxy color $67.2261, 0.3308, 0.3195$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.9530, 0.2974, 0.3387$, and the grayscale version is $69.0963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.9396, 0.3356, 0.3180$ is the 20% darker color. If you saturate the color by 10%, you get $55.7881, 0.3479, 0.3120$, and if you desaturate by 10%, it is $80.4979, 0.3169, 0.3266$.

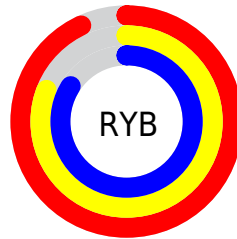
Distribution



Red (93%)

Green (81%)

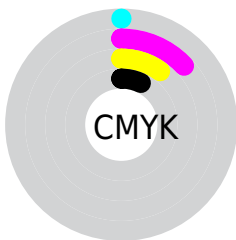
Blue (84%)



Red (93%)

Yellow (81%)

Blue (84%)

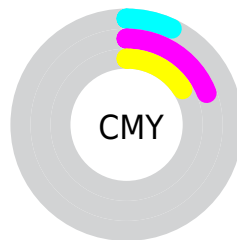


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2261, 0.3308, 0.3195 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 67.2261, 0.3308, 0.3195 by changing the saturation by 10% instead.

67.2261, 0.3308,
0.3195

67.2261, 0.3308,
0.3195

450.7492, 0.3223,
0.3240

49.2684, 0.3328,
0.3185

115.2443, 0.3278,
0.3211

34.8324, 0.3352,
0.3172

146.0736, 0.3267,
0.3217

23.5338, 0.3384,
0.3155

181.9623, 0.3257,
0.3222

14.9882, 0.3425,
0.3133

223.2946, 0.3248,
0.3226

8.8111, 0.3483,
0.3103

270.4551, 0.3241,
0.3230

4.6182, 0.3568,
0.3059

323.8281, 0.3234,

2.0250, 0.3706,

0.3234

0.2987

383.7980, 0.3228,
0.3237

0.6219, 0.4058,
0.2799

0.0000, 0.0000,
0.0000

67.2261, 0.3308,
0.3195

67.2261, 0.3308,
0.3195

55.7881, 0.3479,
0.3120

80.4979, 0.3169,
0.3266

46.0943, 0.3689,
0.3043

95.6701, 0.3056,
0.3333

38.0609, 0.3942,
0.2969

96.9238, 0.3024,
0.3290

31.5939, 0.4243,
0.2904

■ 26.5897, 0.4587,
0.2859

■ 22.9319, 0.4960,
0.2844

■ 20.4863, 0.5337,
0.2871

■ 19.0905, 0.5678,
0.2944

■ 18.5857, 0.5870,
0.3007

Harmonies

Analogous

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



67.2261, 0.3157, 0.3087



67.2261, 0.3308, 0.3195



67.2261, 0.3411, 0.3329

Triad

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



67.2261, 0.3308, 0.3195



67.2261, 0.3249, 0.3564



67.2261, 0.2828, 0.3114

Complementary

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



67.2261, 0.3308, 0.3195



79.9530, 0.2974, 0.3387

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.



67.2261, 0.2851, 0.3241



67.2261, 0.3308, 0.3195



67.2261, 0.3092, 0.3506

Square

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



67.2261, 0.3308, 0.3195



67.2261, 0.3375, 0.3544



67.2261, 0.2947, 0.3386



67.2261, 0.2882, 0.3039

Rectangle

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



67.2261, 0.3308, 0.3195



67.2261, 0.3437, 0.3416



67.2261, 0.2947, 0.3386



67.2261, 0.2827, 0.3152

Sweetspot

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



67.2291, 0.3308, 0.3195



93.2000, 0.3176, 0.3263



66.9669, 0.3076, 0.2951



19.6835, 0.3186, 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.



67.2291, 0.3308, 0.3195



74.9254, 0.3349, 0.3176



70.1970, 0.3364, 0.3365



15.8317, 0.3249, 0.3224



10.3841, 0.5830, 0.2985



0.8802, 0.5457, 0.2780

Inverse Universe

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



67.2291, 0.3308, 0.3195



74.9254, 0.3349, 0.3176



76.5019, 0.2920, 0.3214



15.8317, 0.3249, 0.3224



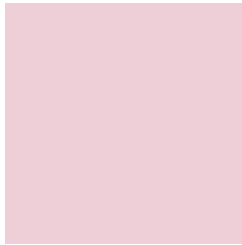
10.3841, 0.5830, 0.2985



0.8802, 0.5457, 0.2780

Previews

White Background



This preview shows how the Yxy color 67.2261, 0.3308, 0.3195 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 67.2261, 0.3308, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

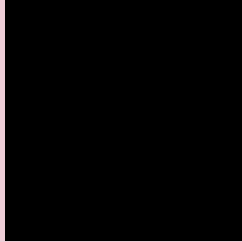
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2261, 0.3308, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 67.2261, 0.3308, 0.3195.



This preview shows how white text looks on a background with the Yxy color 67.2261, 0.3308, 0.3195.

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

67.2261, 0.3308, 0.3195

Protanopia

67.3019, 0.3108, 0.3223

Deuteranopia

67.0244, 0.3276, 0.3205



Tritanopia

67.2338, 0.3272, 0.3122

Trichromacy



Original Color

67.2261, 0.3308, 0.3195

Protanomaly

67.0024, 0.3176, 0.3203

Deuteranomaly

67.1941, 0.3283, 0.3205

Tritanomaly

67.1278, 0.3287, 0.3142

Monochromacy



Original Color

67.2261, 0.3308, 0.3195

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.5539, 0.3195, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2261, 0.3308, 0.3195 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(238, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(238, 206, 215)  
}
```

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(238, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 206, 215) }
```

Border

The CSS property to change the border of an element to Yxy 67.2261, 0.3308, 0.3195 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(238, 206, 215) }
```

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

```
.border{ border-color:rgb(238, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(238, 206,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2261, 0.3308, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 206, 215) }
```

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

```
.background{ background-color: rgb(238,  
206, 215) }
```

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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