

Converting Colors

$Yxy(66.1795, 0.3156, 0.3148)$

Have a look what the booklet for
Yxy(66.1795, 0.3156, 0.3148)
contains.

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Color

Yxy(66.1795, 0.3156, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	E0D0DD
RGB	224, 208, 221
RGB Percent	88%, 82%, 87%
CMY	0.1216, 0.1843, 0.1332
CMYK	0.00, 0.07, 0.01, 0.12
HSL	311°, 20%, 85%
HSV	311°, 7%, 88%
XYZ	66.3477, 66.1795, 77.6999
YIQ	214.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

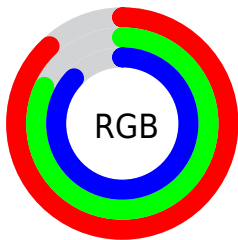
Format	Color
R_{YB}	224, 208, 221
Decimal	14733533
CIE Lab	85.09, 7.82, -4.43
CIE LCh	85, 8.986, 330.429
Yxy	66.1795, 0.3156, 0.3148
Android (android.graphics.Color)	4292923613 (0xFFE0D0DD)
YUV	214.2660, 3.3199, 8.5367
Hunter-Lab	81.3508, 3.2163, 0.3163

Details

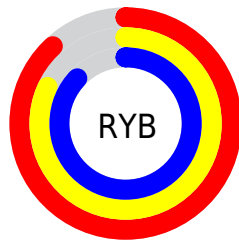
The Yxy color $66.1795, 0.3156, 0.3148$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.4192, 0.3100, 0.3436$, and the grayscale version is $67.4098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.2994, 0.3165, 0.3119$ is the 20% darker color. If you saturate the color by 10%, you get $55.8012, 0.3202, 0.2942$, and if you desaturate by 10%, it is $78.1115, 0.3116, 0.3346$.

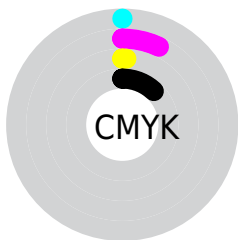
Distribution



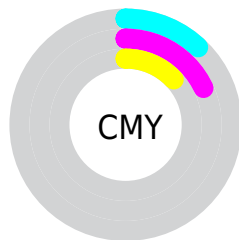
- Red (88%)
- Green (82%)
- Blue (87%)



- Red (88%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1795, 0.3156, 0.3148 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 66.1795, 0.3156, 0.3148 by changing the saturation by 10% instead.

66.1795, 0.3156,
0.3148

66.1795, 0.3156,
0.3148

447.0186, 0.3143,
0.3214

48.4181, 0.3159,
0.3133

113.7439, 0.3151,
0.3171

34.1581, 0.3163,
0.3114

144.3158, 0.3150,
0.3180

23.0151, 0.3167,
0.3090

179.9266, 0.3148,
0.3188

14.6047, 0.3173,
0.3058

220.9607, 0.3147,
0.3194

8.5424, 0.3182,
0.3015

267.8026, 0.3146,
0.3200

4.4439, 0.3193,
0.2951

320.8366, 0.3145,

1.9249, 0.3211,

0.3205

0.2850

380.4471, 0.3144,
0.3210

0.5633, 0.3282,
0.2545

0.0000, 0.0000,
0.0000

66.1795, 0.3156,
0.3148

66.1795, 0.3156,
0.3148

55.8012, 0.3202,
0.2942

78.1115, 0.3116,
0.3346

46.9035, 0.3254,
0.2733

91.6490, 0.3083,
0.3532

39.4206, 0.3313,
0.2527

93.2775, 0.3059,
0.3510

33.2781, 0.3377,
0.2331

93.5186, 0.3035,
0.3467

■ 28.3949, 0.3447,
0.2157

■ 93.7653, 0.3012,
0.3424

■ 24.6810, 0.3519,
0.2013

■ 94.0177, 0.2989,
0.3381

■ 22.0346, 0.3592,
0.1910

■ 94.2758, 0.2967,
0.3339

■ 20.3364, 0.3663,
0.1852

■ 94.5397, 0.2944,
0.3297

■ 19.4296, 0.3731,
0.1839

■ 94.5859, 0.2940,
0.3289

Harmonies

Analogous

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



66.1795, 0.3044, 0.3104



66.1795, 0.3156, 0.3148



66.1795, 0.3262, 0.3228

Triad

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



66.1795, 0.3156, 0.3148



66.1795, 0.3300, 0.3473



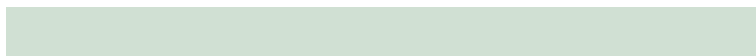
66.1795, 0.2927, 0.3250

Complementary

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



66.1795, 0.3156, 0.3148



71.4192, 0.3100, 0.3436

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.



66.1795, 0.2993, 0.3352



66.1795, 0.3156, 0.3148



66.1795, 0.3208, 0.3483

Square

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



66.1795, 0.3156, 0.3148



66.1795, 0.3346, 0.3415



66.1795, 0.3096, 0.3439



66.1795, 0.2913, 0.3161

Rectangle

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



66.1795, 0.3156, 0.3148



66.1795, 0.3314, 0.3292



66.1795, 0.3096, 0.3439



66.1795, 0.2944, 0.3284

Sweetspot

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



66.1824, 0.3156, 0.3148



96.7283, 0.3135, 0.3250



64.3355, 0.3039, 0.3111



20.7381, 0.3135, 0.3252



0.0000, 0.0000, 0.0000



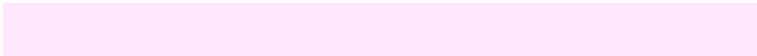
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1824, 0.3156, 0.3148



85.9501, 0.3164, 0.3109



65.7681, 0.3212, 0.3235



13.8897, 0.3166, 0.3101



11.2164, 0.3740, 0.1834



0.7889, 0.3644, 0.1781

Inverse Universe

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



66.1824, 0.3156, 0.3148



85.9501, 0.3164, 0.3109



71.8282, 0.3049, 0.3346



13.8897, 0.3166, 0.3101



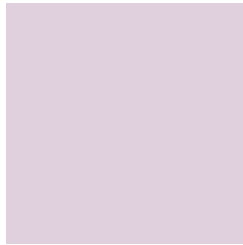
11.2164, 0.3740, 0.1834



0.7889, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 66.1795, 0.3156, 0.3148 looks on a white background.

Color Contrast Check

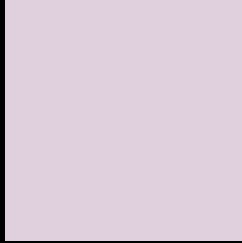
Large Text (above 18pt) WCAG AA × Fail

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 66.1795, 0.3156, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

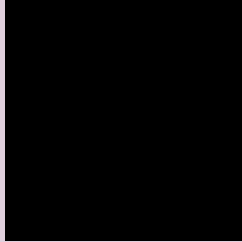
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

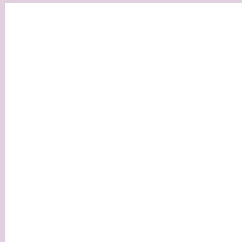
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1795, 0.3156, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 66.1795, 0.3156, 0.3148.

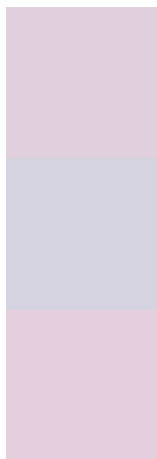


This preview shows how white text looks on a background with the Yxy color 66.1795, 0.3156, 0.3148.

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

66.1795, 0.3156, 0.3148

Protanopia

66.0624, 0.3060, 0.3156

Deuteranopia

66.0211, 0.3195, 0.3128



Tritanopia

66.3409, 0.3135, 0.3116

Trichromacy



Original Color

66.1795, 0.3156, 0.3148

Protanomaly

66.1188, 0.3097, 0.3157

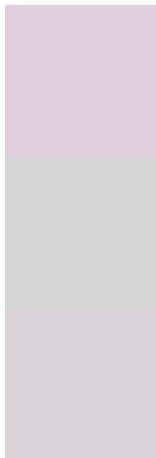
Deuteranomaly

66.1770, 0.3179, 0.3138

Tritanomaly

66.2868, 0.3142, 0.3127

Monochromacy



Original Color

66.1795, 0.3156, 0.3148

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0021, 0.3137, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1795, 0.3156, 0.3148 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(224, 208, 221)` looks like.

```
.text, #text, p{  
    color:rgb(224, 208, 221)  
}
```

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(224, 208, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 208, 221) }
```

Border

The CSS property to change the border of an element to Yxy 66.1795, 0.3156, 0.3148 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(224, 208, 221) }
```

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

```
.border{ border-color:rgb(224, 208, 221) }
```

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

Here you see how a box with a 4 pixel rgb(224, 208, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 208, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 208, 221);  
box-shadow:4px 4px 4px 4px rgb(224, 208,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1795, 0.3156, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 208, 221) }
```

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

```
.background{ background-color: rgb(224,  
208, 221) }
```

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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