

Converting Colors

$Yxy(66.0008, 0.3269, 0.3264)$

Have a look what the booklet for
Yxy(66.0008, 0.3269, 0.3264)
contains.

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Color

Yxy(65.7728, 0.3266, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E4CFD2
RGB	228, 207, 210
RGB Percent	89%, 81%, 82%
CMY	0.1059, 0.1882, 0.1766
CMYK	0.00, 0.09, 0.08, 0.11
HSL	352°, 28%, 85%
HSV	352°, 9%, 89%
XYZ	65.9343, 65.7728, 70.1738
YIQ	213.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

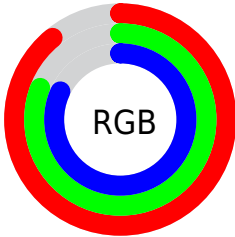
Format	Color
R _Y B	228, 207, 210
Decimal	14995410
CIE Lab	84.88, 7.79, 1.17
CIE LCh	85, 7.875, 8.580
Yxy	65.7728, 0.3266, 0.3258
Android (android.graphics.Color)	4293185490 (0xFFE4CFD2)
YUV	213.6210, -1.7852, 12.6104
Hunter-Lab	81.1004, 3.1940, 5.4684

Details

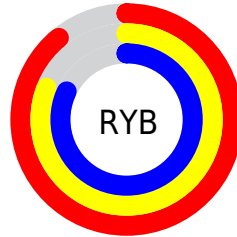
The Yxy color **65.7728, 0.3266, 0.3258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1847, 0.3004, 0.3322**, and the grayscale version is **66.9833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9534, 0.3291, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **54.5968, 0.3452, 0.3221**, and if you desaturate by 10%, it is **78.6691, 0.3116, 0.3293**.

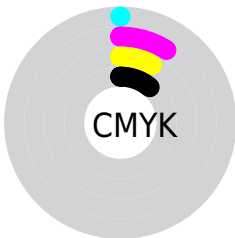
Distribution



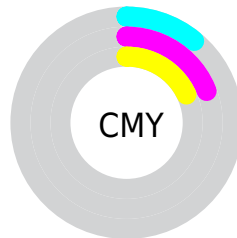
- Red (89%)
- Green (81%)
- Blue (82%)



- Red (89%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7728, 0.3266, 0.3258 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 65.7728, 0.3266, 0.3258 by changing the saturation by 10% instead.

 65.7728, 0.3266,
0.3258

 65.7728, 0.3266,
0.3258


445.5639, 0.3200,
0.3273

 48.0880, 0.3281,
0.3254


113.1602, 0.3243,
0.3263

 33.8966, 0.3300,
0.3250


143.6315, 0.3234,
0.3266

 22.8142, 0.3325,
0.3244


179.1339, 0.3227,
0.3267

 14.4563, 0.3358,
0.3236

220.0516, 0.3220,
0.3269

 8.4387, 0.3403,
0.3225

266.7690, 0.3214,
0.3270

 4.3769, 0.3471,
0.3208

319.6706, 0.3209,

 1.8866, 0.3584,

0.3271

0.3179

379.1408, 0.3205,
0.3272

0.5403, 0.4021,
0.3087

0.0000, 0.0000,
0.0000

65.7728, 0.3266,
0.3258

65.7728, 0.3266,
0.3258

54.5968, 0.3452,
0.3221

78.6691, 0.3116,
0.3293

45.0601, 0.3683,
0.3183

93.3450, 0.2996,
0.3325

37.0881, 0.3966,
0.3145

95.2318, 0.2964,
0.3290

30.5970, 0.4308,
0.3112

■ 25.4952, 0.4704,
0.3088

■ 21.6809, 0.5139,
0.3082

■ 19.0384, 0.5572,
0.3100

■ 17.4310, 0.5948,
0.3144

■ 16.6454, 0.6217,
0.3204

Harmonies

Analogous

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



65.7728, 0.3180, 0.3182



65.7728, 0.3266, 0.3258



65.7728, 0.3315, 0.3344

Triad

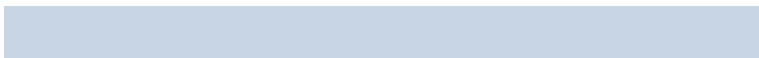
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7728, 0.3266, 0.3258



65.7728, 0.3172, 0.3453



65.7728, 0.2945, 0.3160

Complementary

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



65.7728, 0.3266, 0.3258



74.1847, 0.3004, 0.3322

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.



65.7728, 0.2943, 0.3232



65.7728, 0.3266, 0.3258



65.7728, 0.3073, 0.3403

Square

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



65.7728, 0.3266, 0.3258



65.7728, 0.3260, 0.3458



65.7728, 0.2990, 0.3321



65.7728, 0.2994, 0.3125

Rectangle

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



65.7728, 0.3266, 0.3258



65.7728, 0.3320, 0.3395



65.7728, 0.2990, 0.3321



65.7728, 0.2938, 0.3181

Sweetspot

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



65.7757, 0.3266, 0.3258



94.7998, 0.3170, 0.3280



66.2148, 0.3114, 0.3063



20.0011, 0.3182, 0.3277



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.



65.7757, 0.3266, 0.3258



81.9351, 0.3298, 0.3251



69.2700, 0.3279, 0.3370



14.4009, 0.3270, 0.3257



9.5952, 0.6208, 0.3193



0.7196, 0.5863, 0.3004

Inverse Universe

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



65.7757, 0.3266, 0.3258



81.9351, 0.3298, 0.3251



70.3943, 0.2985, 0.3208



14.4009, 0.3270, 0.3257



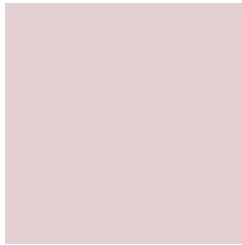
9.5952, 0.6208, 0.3193



0.7196, 0.5863, 0.3004

Previews

White Background



This preview shows how the Yxy color 65.7728, 0.3266, 0.3258 looks on a white background.

Color Contrast Check

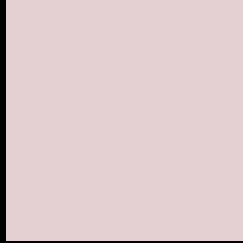
Large Text (above 18pt) WCAG AA × Fail

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 65.7728, 0.3266, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

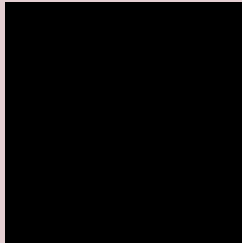
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

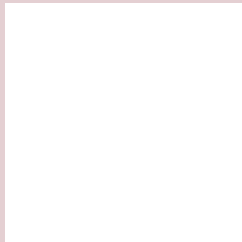
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7728, 0.3266, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 65.7728, 0.3266, 0.3258.



This preview shows how white text looks on a background with the Yxy color 65.7728, 0.3266, 0.3258.

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

65.7728, 0.3266, 0.3258

Protanopia

65.9409, 0.3157, 0.3279

Deuteranopia

65.6394, 0.3307, 0.3236



Tritanopia

65.7061, 0.3204, 0.3118

Trichromacy



Original Color

65.7728, 0.3266, 0.3258

Protanomaly

66.0120, 0.3195, 0.3279

Deuteranomaly

65.7847, 0.3290, 0.3247

Tritanomaly

65.8104, 0.3224, 0.3171

Monochromacy



Original Color

65.7728, 0.3266, 0.3258

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.4527, 0.3173, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7728, 0.3266, 0.3258 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(228, 207, 210)` looks like.

```
.text, #text, p{  
    color:rgb(228, 207, 210)  
}
```

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(228, 207, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 207, 210) }
```

Border

The CSS property to change the border of an element to Yxy 65.7728, 0.3266, 0.3258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

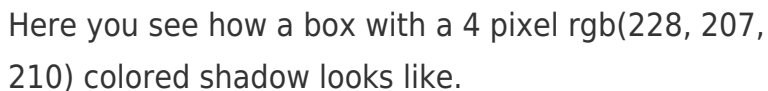
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 207, 210) }
```

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

```
.border{ border-color:rgb(228, 207, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 207, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 207, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 207, 210); box-shadow:4px 4px 4px 4px rgb(228, 207, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7728, 0.3266, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 207, 210) }
```

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

```
.background{ background-color: rgb(228,  
207, 210) }
```

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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