

Converting Colors

Yxy(56.9121, 0.3225, 0.3168)

Have a look what the booklet for
Yxy(56.9121, 0.3225, 0.3168)
contains.

Yxy(56.9466, 0.3222, 0.3164)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.9466, 0.3222, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	D7C1CC
RGB	215, 193, 204
RGB Percent	84%, 76%, 80%
CMY	0.1569, 0.2431, 0.2001
CMYK	0.00, 0.10, 0.05, 0.16
HSL	330°, 22%, 80%
HSV	330°, 10%, 84%
XYZ	57.9905, 56.9466, 65.0458
YIQ	200.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

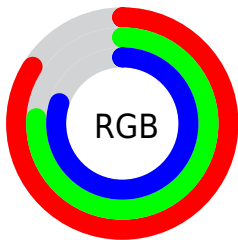
Format	Color
R _Y B	215, 193, 204
Decimal	14139852
CIE Lab	80.15, 9.64, -2.67
CIE LCh	80, 10.000, 344.533
Yxy	56.9466, 0.3222, 0.3164
Android (android.graphics.Color)	4292329932 (0xFFD7C1CC)
YUV	200.8320, 1.5618, 12.4253
Hunter-Lab	75.4630, 5.1104, 1.7187

Details

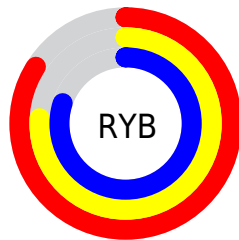
The Yxy color $56.9466, 0.3222, 0.3164$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.3003, 0.3042, 0.3419$, and the grayscale version is $58.2854, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $28.1408, 0.3244, 0.3123$ is the 20% darker color. If you saturate the color by 10%, you get $47.6244, 0.3334, 0.3034$, and if you desaturate by 10%, it is $67.6915, 0.3129, 0.3287$.

Distribution



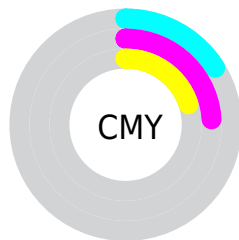
- Red (84%)
- Green (76%)
- Blue (80%)



- Red (84%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (16%)




- Cyan (16%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9466, 0.3222, 0.3164 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 56.9466, 0.3222, 0.3164 by changing the saturation by 10% instead.

 56.9466, 0.3222,
0.3164

 56.9466, 0.3222,
0.3164


413.2492, 0.3176,
0.3224

 40.9624, 0.3233,
0.3150


 100.3873, 0.3206,
0.3185

 28.2897, 0.3246,
0.3132


128.6125, 0.3200,
0.3194

 18.5441, 0.3264,
0.3108


161.6868, 0.3194,
0.3201

 11.3414, 0.3288,
0.3077

199.9947, 0.3190,
0.3207

 6.2969, 0.3322,
0.3033

243.9205, 0.3186,
0.3212

 3.0265, 0.3374,
0.2965

293.8485, 0.3182,

 1.1456, 0.3464,

0.3217

0.2849

350.1633, 0.3179,
0.3221

0.0166, 0.5318,
0.0351

0.0000, 0.0000,
0.0000

56.9466, 0.3222,
0.3164

56.9466, 0.3222,
0.3164

47.6244, 0.3334,
0.3034

67.6915, 0.3129,
0.3287

39.6572, 0.3468,
0.2901

79.9079, 0.3052,
0.3402

32.9832, 0.3628,
0.2768

92.0411, 0.2989,
0.3484

27.5326, 0.3814,
0.2644

92.6877, 0.2931,
0.3371

■ 23.2292, 0.4025,
0.2539

■ 93.1870, 0.2889,
0.3289

■ 19.9879, 0.4258,
0.2464

■ 17.7118, 0.4505,
0.2433

■ 16.2858, 0.4753,
0.2454

■ 15.5132, 0.4986,
0.2520

Harmonies

Analogous

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



56.9466, 0.3090, 0.3091



56.9466, 0.3222, 0.3164



56.9466, 0.3330, 0.3269

Triad

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



56.9466, 0.3222, 0.3164



56.9466, 0.3284, 0.3518



56.9466, 0.2878, 0.3190

Complementary

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



56.9466, 0.3222, 0.3164



64.3003, 0.3042, 0.3419

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.



56.9466, 0.2928, 0.3306



56.9466, 0.3222, 0.3164



56.9466, 0.3160, 0.3500

Square

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



56.9466, 0.3222, 0.3164



56.9466, 0.3366, 0.3474



56.9466, 0.3030, 0.3421



56.9466, 0.2893, 0.3103

Rectangle

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



56.9466, 0.3222, 0.3164



56.9466, 0.3373, 0.3345



56.9466, 0.3030, 0.3421



56.9466, 0.2887, 0.3227

Sweetspot

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



56.9491, 0.3222, 0.3164



94.9713, 0.3153, 0.3254



55.8878, 0.3053, 0.3033



20.0472, 0.3161, 0.3244



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.



56.9491, 0.3222, 0.3164



81.0577, 0.3242, 0.3140



56.4413, 0.3307, 0.3291



12.5231, 0.3214, 0.3174



9.3002, 0.4953, 0.2502



0.5777, 0.4571, 0.2292

Inverse Universe

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



56.9491, 0.3222, 0.3164



81.0577, 0.3242, 0.3140



64.8454, 0.2971, 0.3290



12.5231, 0.3214, 0.3174



9.3002, 0.4953, 0.2502



0.5777, 0.4571, 0.2292

Previews

White Background



This preview shows how the Yxy color 56.9466, 0.3222, 0.3164 looks on a white background.

Color Contrast Check

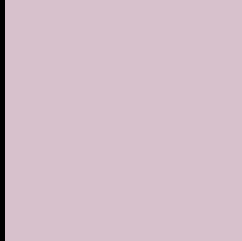
Large Text (above 18pt) WCAG AA × Fail

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 56.9466, 0.3222, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

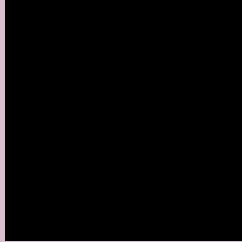
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9466, 0.3222, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 56.9466, 0.3222, 0.3164.



This preview shows how white text looks on a background with the Yxy color 56.9466, 0.3222, 0.3164.

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

56.9466, 0.3222, 0.3164

Protanopia

57.1725, 0.3078, 0.3183

Deuteranopia

57.0985, 0.3230, 0.3164



Tritanopia

56.8523, 0.3200, 0.3107

Trichromacy



Original Color

56.9466, 0.3222, 0.3164

Protanomaly

56.9152, 0.3125, 0.3173

Deuteranomaly

57.0985, 0.3230, 0.3164

Tritanomaly

56.8032, 0.3208, 0.3118

Monochromacy



Original Color

56.9466, 0.3222, 0.3164

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7742, 0.3161, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9466, 0.3222, 0.3164 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(215, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 204)  
}
```

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(215, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.9466, 0.3222, 0.3164 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(215, 193, 204) }
```

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

```
.border{ border-color:rgb(215, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9466, 0.3222, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 204) }
```

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

```
.background{ background-color: rgb(215,  
193, 204) }
```

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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