

Converting Colors

$Yxy(60.2982, 0.2845, 0.3236)$

Have a look what the booklet for
Yxy(60.2982, 0.2845, 0.3236)
contains.

Yxy(60.1134, 0.2846, 0.3228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.1134, 0.2846, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	AFD2D7
RGB	175, 210, 215
RGB Percent	69%, 82%, 84%
CMY	0.3136, 0.1765, 0.1568
CMYK	0.19, 0.02, 0.00, 0.16
HSL	188°, 33%, 76%
HSV	188°, 19%, 84%
XYZ	52.9996, 60.1134, 73.1119
YIQ	200.1050, -22.4650, -5.8650

Conversions

Conversions Part 2

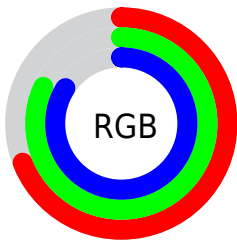
Format	Color
R _Y B	175, 194, 215
Decimal	11522775
CIE Lab	81.90, -10.44, -6.34
CIE LCh	82, 12.215, 211.280
Yxy	60.1134, 0.2846, 0.3228
Android (android.graphics.Color)	4289712855 (0xFFAFD2D7)
YUV	200.1050, 7.3432, -22.0171
Hunter-Lab	77.5328, -13.6641, -1.6363

Details

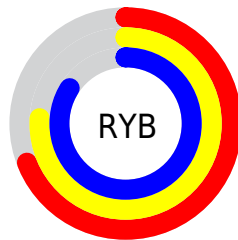
The Yxy color **60.1134, 0.2846, 0.3228** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.2158, 0.3477, 0.3351**, and the grayscale version is **57.7971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **30.4526, 0.2780, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **56.4986, 0.2705, 0.3191**, and if you desaturate by 10%, it is **64.1519, 0.2995, 0.3263**.

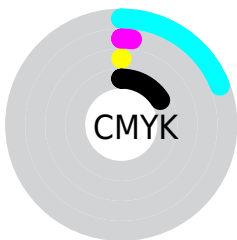
Distribution



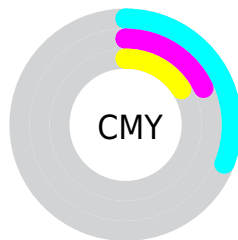
- Red (69%)
- Green (82%)
- Blue (84%)



- Red (69%)
- Yellow (76%)
- Blue (84%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1134, 0.2846, 0.3228 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 60.1134, 0.2846, 0.3228 by changing the saturation by 10% instead.

■ 60.1134, 0.2846,
0.3228

■ 60.1134, 0.2846,
0.3228

425.0156, 0.2980,
0.3259

■ 43.5100, 0.2815,
0.3220

■ 104.9942, 0.2893,
0.3239

■ 30.2855, 0.2775,
0.3210

134.0403, 0.2911,
0.3244

■ 20.0554, 0.2725,
0.3197

168.0029, 0.2927,
0.3247

■ 12.4353, 0.2658,
0.3179

207.2663, 0.2940,
0.3250

■ 7.0409, 0.2564,
0.3152

252.2149, 0.2952,
0.3253

■ 3.4877, 0.2423,
0.3108

303.2330, 0.2962,

■ 1.3913, 0.2192,

0.3255

0.3028

360.7051, 0.2971,
0.3257

0.2103, 0.0000,
0.2383

0.0000, 0.0000,
0.0000

60.1134, 0.2846,
0.3228

60.1134, 0.2846,
0.3228

56.4986, 0.2705,
0.3191

64.1519, 0.2995,
0.3263

53.2812, 0.2574,
0.3151

68.6242, 0.3149,
0.3294

50.4434, 0.2457,
0.3109

73.5493, 0.3305,
0.3323

47.9630, 0.2356,
0.3066

77.7778, 0.3415,
0.3349

■ 45.8153, 0.2273,
0.3022

■ 79.2151, 0.3411,
0.3376

■ 43.9723, 0.2210,
0.2978

■ 80.6755, 0.3407,
0.3403

■ 42.4010, 0.2166,
0.2933

■ 82.1590, 0.3403,
0.3430

■ 41.0511, 0.2138,
0.2890

■ 83.6659, 0.3399,
0.3457

■ 40.8689, 0.2134,
0.2884

■ 85.1961, 0.3394,
0.3483

Harmonies

Analogous

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



60.1134, 0.2936, 0.3373



60.1134, 0.2846, 0.3228



60.1134, 0.2829, 0.3105

Triad

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



60.1134, 0.2846, 0.3228



60.1134, 0.3171, 0.3095



60.1134, 0.3367, 0.3549

Complementary

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



60.1134, 0.2846, 0.3228



50.2158, 0.3477, 0.3351

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.



60.1134, 0.3434, 0.3466



60.1134, 0.2846, 0.3228



60.1134, 0.3320, 0.3206

Square

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



60.1134, 0.2846, 0.3228



60.1134, 0.3014, 0.3033



60.1134, 0.3417, 0.3341



60.1134, 0.3235, 0.3562

Rectangle

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



60.1134, 0.2846, 0.3228



60.1134, 0.2862, 0.3051



60.1134, 0.3417, 0.3341



60.1134, 0.3398, 0.3528

Sweetspot

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



60.1159, 0.2846, 0.3228



95.9917, 0.3034, 0.3271



61.0127, 0.3073, 0.3735



20.4559, 0.3024, 0.3269



0.0000, 0.0000, 0.0000



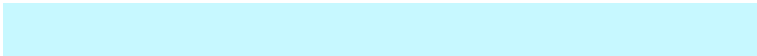
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1159, 0.2846, 0.3228



86.4509, 0.2794, 0.3215



51.0112, 0.2832, 0.2982



13.8290, 0.2983, 0.3260



24.5473, 0.2136, 0.2890



1.5569, 0.2157, 0.2966

Inverse Universe

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



49.7782, 0.3189, 0.2886



68.8349, 0.3203, 0.2806



58.7137, 0.3436, 0.3580



12.6046, 0.3157, 0.3089



10.8229, 0.3552, 0.1730



0.6605, 0.3484, 0.1693

Previews

White Background



This preview shows how the Yxy color 60.1134, 0.2846, 0.3228 looks on a white background.

Color Contrast Check

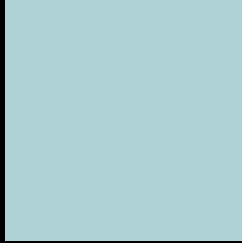
Large Text (above 18pt) WCAG AA × Fail

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 60.1134, 0.2846, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

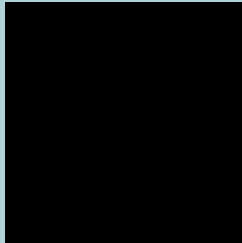
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1134, 0.2846, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 60.1134, 0.2846, 0.3228.



This preview shows how white text looks on a background with the Yxy color 60.1134, 0.2846, 0.3228.

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

60.1134, 0.2846, 0.3228

Protanopia

59.8733, 0.3093, 0.3197

Deuteranopia

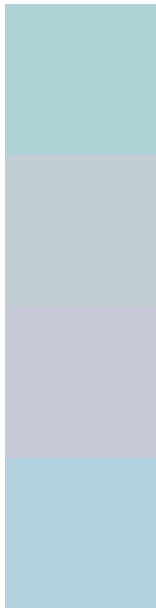
59.5934, 0.3123, 0.3054



Tritanopia

59.8951, 0.2796, 0.3086

Trichromacy



Original Color

60.1134, 0.2846, 0.3228

Protanomaly

59.8854, 0.2997, 0.3207

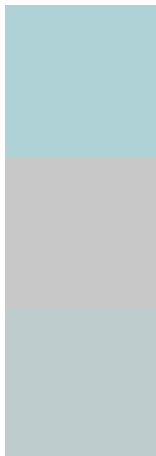
Deuteranomaly

59.6683, 0.3014, 0.3116

Tritanomaly

60.0515, 0.2815, 0.3145

Monochromacy



Original Color

60.1134, 0.2846, 0.3228

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6699, 0.3022, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1134, 0.2846, 0.3228 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(175, 210, 215)` looks like.

```
.text, #text, p{  
    color:rgb(175, 210, 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(175, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 210, 215) }
```

Border

The CSS property to change the border of an element to Yxy 60.1134, 0.2846, 0.3228 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(175, 210, 215) }
```

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

```
.border{ border-color:rgb(175, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(175, 210,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1134, 0.2846, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 210, 215) }
```

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

```
.background{ background-color: rgb(175,  
210, 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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