

Converting Colors

$Yxy(56.6813, 0.2945, 0.3379)$

Have a look what the booklet for
Yxy(56.6813, 0.2945, 0.3379)
contains.

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Color

Yxy(56.7385, 0.2945, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	AECD C6
RGB	174, 205, 198
RGB Percent	68%, 80%, 78%
CMY	0.3179, 0.1960, 0.2236
CMYK	0.15, 0.00, 0.03, 0.20
HSL	166°, 24%, 74%
HSV	166°, 15%, 80%
XYZ	49.4656, 56.7385, 61.7606
YIQ	194.9330, -16.2290, -8.7490

Conversions

Conversions Part 2

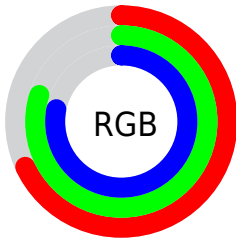
Format	Color
RYB	174, 191, 205
Decimal	11455942
CIELab	80.03, -11.75, 0.02
CIElCh	80, 11.748, 179.922
Yxy	56.7385, 0.2945, 0.3378
Android (android.graphics.Color)	4289646022 (0xFFFAE6C6)
YUV	194.9330, 1.5120, -18.3582
Hunter-Lab	75.3250, -14.5984, 4.1143

Details

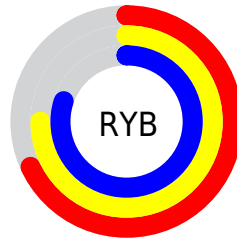
The Yxy color **56.7385, 0.2945, 0.3378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5603, 0.3347, 0.3204**, and the grayscale version is **54.5224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **28.2118, 0.2898, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **54.3534, 0.2833, 0.3443**, and if you desaturate by 10%, it is **59.4942, 0.3064, 0.3319**.

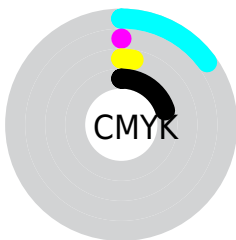
Distribution



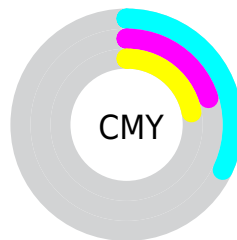
- Red (68%)
- Green (80%)
- Blue (78%)



- Red (68%)
- Yellow (75%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (32%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7385, 0.2945, 0.3378 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 56.7385, 0.2945, 0.3378 by changing the saturation by 10% instead.


 56.7385, 0.2945,
0.3378

 56.7385, 0.2945,
0.3378

412.4687, 0.3033,
0.3336

 40.7953, 0.2924,
0.3388

 100.0835, 0.2976,
0.3363

 28.1592, 0.2897,
0.3401


128.2542, 0.2988,
0.3357

 18.4457, 0.2863,
0.3418


161.2694, 0.2998,
0.3352

 11.2704, 0.2816,
0.3440

199.5137, 0.3007,
0.3348

 6.2490, 0.2748,
0.3473

243.3714, 0.3015,
0.3344

 2.9971, 0.2645,
0.3523

293.2268, 0.3022,

 1.1302, 0.2458,

0.3341

0.3613

349.4645, 0.3028,
0.3338

0.0036, 0.0000,
0.5632

0.0000, 0.0000,
0.0000

56.7385, 0.2945,
0.3378

56.7385, 0.2945,
0.3378

54.3534, 0.2833,
0.3443

59.4942, 0.3064,
0.3319

52.3156, 0.2730,
0.3514

62.6288, 0.3187,
0.3265

50.6098, 0.2640,
0.3589

66.1589, 0.3312,
0.3217

49.2170, 0.2565,
0.3668

69.9206, 0.3429,
0.3174

■ 48.1161, 0.2508,
0.3749

■ 70.1648, 0.3394,
0.3127

■ 47.2834, 0.2470,
0.3833

■ 70.4159, 0.3359,
0.3081

■ 46.6914, 0.2451,
0.3916

■ 70.6739, 0.3325,
0.3035

■ 46.3065, 0.2451,
0.3999

■ 70.9389, 0.3291,
0.2990

■ 46.1643, 0.2455,
0.4039

■ 71.2108, 0.3257,
0.2945

Harmonies

Analogous

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



56.7385, 0.3086, 0.3498



56.7385, 0.2945, 0.3378



56.7385, 0.2854, 0.3236

Triad

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



56.7385, 0.2945, 0.3378



56.7385, 0.3010, 0.3036



56.7385, 0.3429, 0.3458

Complementary

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



56.7385, 0.2945, 0.3378



46.5603, 0.3347, 0.3204

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.



56.7385, 0.3408, 0.3334



56.7385, 0.2945, 0.3378



56.7385, 0.3163, 0.3095

Square

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



56.7385, 0.2945, 0.3378



56.7385, 0.2891, 0.3042



56.7385, 0.3310, 0.3202



56.7385, 0.3366, 0.3541

Rectangle

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



56.7385, 0.2945, 0.3378



56.7385, 0.2832, 0.3149



56.7385, 0.3310, 0.3202



56.7385, 0.3431, 0.3419

Sweetspot

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



56.7409, 0.2945, 0.3378



97.4770, 0.3065, 0.3318



56.5731, 0.3164, 0.3685



20.7910, 0.3057, 0.3322



0.0000, 0.0000, 0.0000



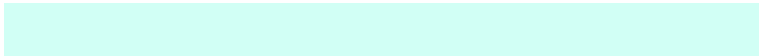
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7409, 0.2945, 0.3378



91.6587, 0.2910, 0.3397



53.2095, 0.2895, 0.3185



12.6819, 0.3013, 0.3343



28.7463, 0.2452, 0.4027



1.4939, 0.2407, 0.3866

Inverse Universe

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



46.5603, 0.3347, 0.3204



72.0503, 0.3401, 0.3186



49.5809, 0.3393, 0.3393



11.2546, 0.3255, 0.3238



8.2168, 0.5983, 0.3070



0.4358, 0.5420, 0.2759

Previews

White Background



This preview shows how the Yxy color 56.7385, 0.2945, 0.3378 looks on a white background.

Color Contrast Check

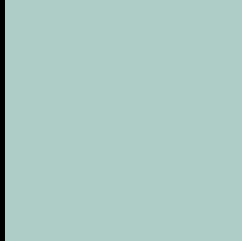
Large Text (above 18pt) WCAG AA × Fail

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 56.7385, 0.2945, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

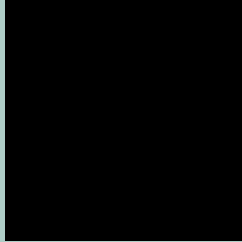
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

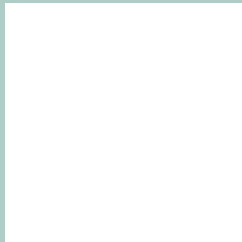
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7385, 0.2945, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 56.7385, 0.2945, 0.3378.



This preview shows how white text looks on a background with the Yxy color 56.7385, 0.2945, 0.3378.

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

56.7385, 0.2945, 0.3378

Protanopia

56.5241, 0.3197, 0.3326

Deuteranopia

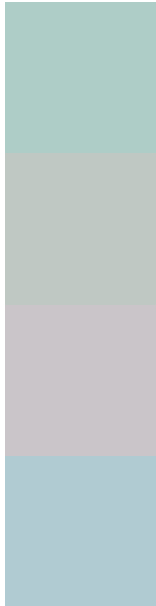
56.5152, 0.3254, 0.3187



Tritanopia

56.7680, 0.2842, 0.3095

Trichromacy



Original Color

56.7385, 0.2945, 0.3378

Protanomaly

56.4552, 0.3101, 0.3351

Deuteranomaly

56.5201, 0.3137, 0.3254

Tritanomaly

56.7621, 0.2881, 0.3191

Monochromacy



Original Color

56.7385, 0.2945, 0.3378

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3972, 0.3056, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7385, 0.2945, 0.3378 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(174, 205, 198)` looks like.

```
.text, #text, p{  
    color:rgb(174, 205, 198)  
}
```

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(174, 205, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 205, 198) }
```

Border

The CSS property to change the border of an element to Yxy 56.7385, 0.2945, 0.3378 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(174, 205, 198) }
```

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

```
.border{ border-color:rgb(174, 205, 198) }
```

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

Here you see how a box with a 4 pixel rgb(174, 205, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 205, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 205, 198);  
box-shadow:4px 4px 4px 4px rgb(174, 205,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7385, 0.2945, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 205, 198) }
```

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

```
.background{ background-color: rgb(174,  
205, 198) }
```

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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