

Converting Colors

$Yxy(56.2323, 0.2915, 0.3328)$

Have a look what the booklet for
Yxy(56.2323, 0.2915, 0.3328)
contains.

Yxy(56.1734, 0.2911, 0.3327)	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(56.1734, 0.2911, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	ACCCC9
RGB	172, 204, 201
RGB Percent	67%, 80%, 79%
CMY	0.3255, 0.2000, 0.2117
CMYK	0.16, 0.00, 0.01, 0.20
HSL	174°, 24%, 74%
HSV	174°, 16%, 80%
XYZ	49.1496, 56.1734, 63.5180
YIQ	194.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

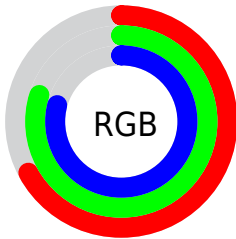
Format	Color
RYB	172, 189, 204
Decimal	11324617
CIELab	79.71, -11.23, -2.09
CIELCh	80, 11.421, 190.550
Yxy	56.1734, 0.2911, 0.3327
Android (android.graphics.Color)	4289514697 (0xFFACCCC9)
YUV	194.0900, 3.4066, -19.3729
Hunter-Lab	74.9489, -14.1048, 2.2169

Details

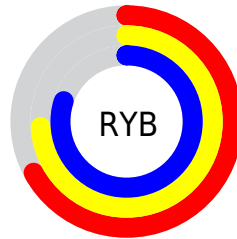
The Yxy color **56.1734, 0.2911, 0.3327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.4378, 0.3394, 0.3254**, and the grayscale version is **53.9938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **27.8412, 0.2853, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **53.9527, 0.2784, 0.3353**, and if you desaturate by 10%, it is **58.7542, 0.3047, 0.3303**.

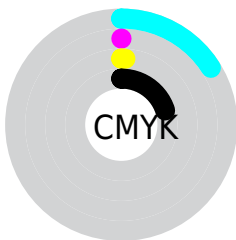
Distribution



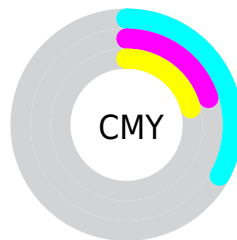
- Red (67%)
- Green (80%)
- Blue (79%)



- Red (67%)
- Yellow (74%)
- Blue (80%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1734, 0.2911, 0.3327 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 56.1734, 0.2911, 0.3327 by changing the saturation by 10% instead.

■ 56.1734, 0.2911,
0.3327

■ 56.1734, 0.2911,
0.3327

410.3446, 0.3015,
0.3310

■ 40.3420, 0.2886,
0.3331

■ 99.2581, 0.2948,
0.3321

■ 27.8053, 0.2855,
0.3336

127.2801, 0.2962,
0.3319

■ 18.1789, 0.2814,
0.3342

160.1344, 0.2974,
0.3317

■ 11.0785, 0.2758,
0.3350

198.2055, 0.2985,
0.3315

■ 6.1197, 0.2679,
0.3361

241.8776, 0.2994,
0.3313

■ 2.9180, 0.2558,
0.3377

291.5353, 0.3002,

■ 1.0891, 0.2338,

0.3312

0.3405

347.5628, 0.3009,
0.3311

0.0000, 0.0000,
0.0000

56.1734, 0.2911,
0.3327

56.1734, 0.2911,
0.3327

53.9527, 0.2784,
0.3353

58.7542, 0.3047,
0.3303

52.0691, 0.2668,
0.3381

61.7031, 0.3189,
0.3281

50.5074, 0.2567,
0.3411

65.0367, 0.3334,
0.3261

49.2488, 0.2482,
0.3442

68.7686, 0.3480,
0.3243

48.2724, 0.2416,
0.3474

69.1276, 0.3476,
0.3224

■ 47.5546, 0.2369,
0.3506

■ 69.2235, 0.3462,
0.3205

■ 47.0682, 0.2341,
0.3538

■ 69.3205, 0.3447,
0.3185

■ 46.7794, 0.2330,
0.3569

■ 69.4187, 0.3433,
0.3166

■ 46.6878, 0.2329,
0.3583

■ 69.5180, 0.3418,
0.3147

Harmonies

Analogous

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



56.1734, 0.3035, 0.3456



56.1734, 0.2911, 0.3327



56.1734, 0.2845, 0.3191

Triad

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



56.1734, 0.2911, 0.3327



56.1734, 0.3064, 0.3056



56.1734, 0.3409, 0.3489

Complementary

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



56.1734, 0.2911, 0.3327



45.4378, 0.3394, 0.3254

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.



56.1734, 0.3418, 0.3378



56.1734, 0.2911, 0.3327



56.1734, 0.3216, 0.3132

Square

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



56.1734, 0.2911, 0.3327



56.1734, 0.2932, 0.3038



56.1734, 0.3347, 0.3249



56.1734, 0.3322, 0.3549

Rectangle

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



56.1734, 0.2911, 0.3327



56.1734, 0.2842, 0.3115



56.1734, 0.3347, 0.3249



56.1734, 0.3421, 0.3456

Sweetspot

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



56.1757, 0.2911, 0.3327



97.5850, 0.3056, 0.3301



55.3031, 0.3132, 0.3704



20.8173, 0.3046, 0.3303



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.



56.1757, 0.2911, 0.3327



91.6526, 0.2865, 0.3336



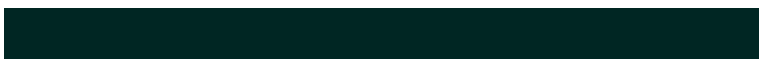
50.4803, 0.2885, 0.3126



12.7083, 0.2996, 0.3312



29.3922, 0.2327, 0.3578



1.5217, 0.2310, 0.3516

Inverse Universe

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



45.4378, 0.3394, 0.3254



70.3749, 0.3468, 0.3245



50.4314, 0.3396, 0.3449



11.2304, 0.3276, 0.3269



8.1159, 0.6284, 0.3235



0.4247, 0.5942, 0.3047

Previews

White Background



This preview shows how the Yxy color 56.1734, 0.2911, 0.3327 looks on a white background.

Color Contrast Check

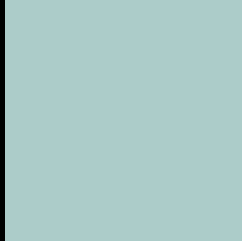
Large Text (above 18pt) WCAG AA × Fail

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 56.1734, 0.2911, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

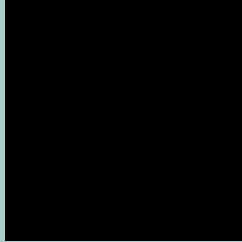
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

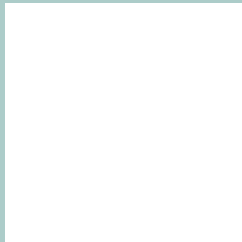
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1734, 0.2911, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 56.1734, 0.2911, 0.3327.

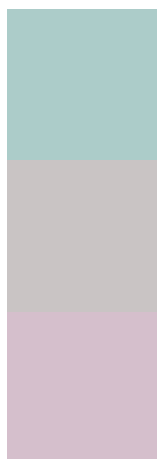


This preview shows how white text looks on a background with the Yxy color 56.1734, 0.2911, 0.3327.

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

56.1734, 0.2911, 0.3327

Protanopia

55.8829, 0.3167, 0.3290

Deuteranopia

55.7674, 0.3207, 0.3140



Tritanopia

55.9492, 0.2821, 0.3081

Trichromacy



Original Color

56.1734, 0.2911, 0.3327

Protanomaly

55.8712, 0.3065, 0.3302

Deuteranomaly

55.7974, 0.3092, 0.3206

Tritanomaly

55.9932, 0.2853, 0.3165

Monochromacy



Original Color

56.1734, 0.2911, 0.3327

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.8585, 0.3041, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1734, 0.2911, 0.3327 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(172, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(172, 204, 201)  
}
```

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(172, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 204, 201) }
```

Border

The CSS property to change the border of an element to Yxy 56.1734, 0.2911, 0.3327 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(172, 204, 201) }
```

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

```
.border{ border-color:rgb(172, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(172, 204,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1734, 0.2911, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 204, 201) }
```

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

```
.background{ background-color: rgb(172,  
204, 201) }
```

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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