

Converting Colors

$Yxy(55.7768, 0.2733, 0.3368)$

Have a look what the booklet for
Yxy(55.7768, 0.2733, 0.3368)
contains.

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Color

Yxy(56.0237, 0.2731, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	92D1CB
RGB	146, 209, 203
RGB Percent	57%, 82%, 80%
CMY	0.4273, 0.1804, 0.2039
CMYK	0.30, 0.00, 0.03, 0.18
HSL	174°, 41%, 70%
HSV	174°, 30%, 82%
XYZ	45.4413, 56.0237, 64.9256
YIQ	189.4790, -35.6220, -15.2220

Conversions

Conversions Part 2

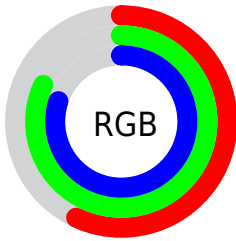
Format	Color
RYB	146, 179, 209
Decimal	9621963
CIELab	79.63, -21.22, -3.46
CIELCh	80, 21.500, 189.270
Yxy	56.0237, 0.2731, 0.3367
Android (android.graphics.Color)	4287812043 (0xFF92D1CB)
YUV	189.4790, 6.6659, -38.1311
Hunter-Lab	74.8490, -22.6173, 0.9649

Details

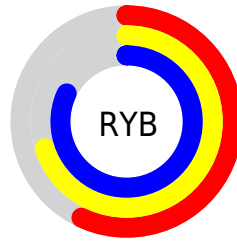
The Yxy color **56.0237, 0.2731, 0.3367** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3955, 0.3734, 0.3216**, and the grayscale version is **51.1609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **27.6083, 0.2630, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **54.1876, 0.2622, 0.3396**, and if you desaturate by 10%, it is **58.2157, 0.2853, 0.3339**.

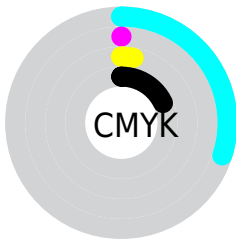
Distribution



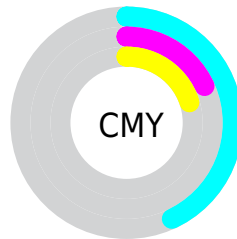
- Red (57%)
- Green (82%)
- Blue (80%)



- Red (57%)
- Yellow (70%)
- Blue (82%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)





- Cyan (43%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0237, 0.2731, 0.3367 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 56.0237, 0.2731, 0.3367 by changing the saturation by 10% instead.


 56.0237, 0.2731,
0.3367


 56.0237, 0.2731,
0.3367


409.7808, 0.2921,
0.3332

 40.2219, 0.2686,
0.3375

 99.0392, 0.2799,
0.3355

 27.7116, 0.2629,
0.3385


 127.0218, 0.2824,
0.3350

 18.1084, 0.2555,
0.3397


159.8334, 0.2846,
0.3346

 11.0278, 0.2456,
0.3412

197.8584, 0.2865,
0.3342

 6.0856, 0.2316,
0.3432

241.4813, 0.2882,
0.3339

 2.8972, 0.2104,
0.3458

291.0864, 0.2897,

 1.0783, 0.1625,

0.3337

0.3540

347.0581, 0.2910,
0.3334

0.0000, 0.0000,
0.0000

56.0237, 0.2731,
0.3367

56.0237, 0.2731,
0.3367

54.1876, 0.2622,
0.3396

58.2157, 0.2853,
0.3339

52.6815, 0.2528,
0.3427

60.7744, 0.2986,
0.3314

51.4868, 0.2451,
0.3459


63.7186, 0.3125,
0.3290


50.5801, 0.2394,
0.3492


67.0637, 0.3269,
0.3269

49.9348, 0.2355,
0.3524

70.8243, 0.3415,
0.3250

 49.5195, 0.2335,
0.3557

 71.7607, 0.3435,
0.3231

 49.2780, 0.2330,
0.3588

 71.8633, 0.3420,
0.3210

 71.9673, 0.3405,
0.3190

 72.0724, 0.3391,
0.3170

Harmonies

Analogous

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



56.0237, 0.2961, 0.3619



56.0237, 0.2731, 0.3367



56.0237, 0.2607, 0.3104

Triad

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



56.0237, 0.2731, 0.3367



56.0237, 0.2993, 0.2857



56.0237, 0.3663, 0.3648

Complementary

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



56.0237, 0.2731, 0.3367



36.3955, 0.3734, 0.3216

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.



56.0237, 0.3677, 0.3435



56.0237, 0.2731, 0.3367



56.0237, 0.3280, 0.2991

Square

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



56.0237, 0.2731, 0.3367



56.0237, 0.2753, 0.2825



56.0237, 0.3534, 0.3198



56.0237, 0.3501, 0.3778

Rectangle

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



56.0237, 0.2731, 0.3367



56.0237, 0.2598, 0.2964



56.0237, 0.3534, 0.3198



56.0237, 0.3685, 0.3583

Sweetspot

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



56.0260, 0.2731, 0.3367



95.7645, 0.3000, 0.3311



54.3835, 0.3132, 0.4153



20.3612, 0.2980, 0.3315



0.0000, 0.0000, 0.0000



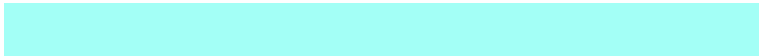
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0260, 0.2731, 0.3367



85.9985, 0.2660, 0.3385



44.9234, 0.2658, 0.2951



13.3869, 0.2996, 0.3312



30.3932, 0.2329, 0.3584



1.7052, 0.2312, 0.3525

Inverse Universe

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



36.3955, 0.3734, 0.3216



50.5011, 0.3917, 0.3200



44.8431, 0.3706, 0.3605



11.8262, 0.3276, 0.3268



8.3952, 0.6283, 0.3235



0.4758, 0.5955, 0.3054

Previews

White Background



This preview shows how the Yxy color 56.0237, 0.2731, 0.3367 looks on a white background.

Color Contrast Check

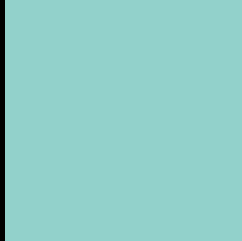
Large Text (above 18pt) WCAG AA × Fail

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 56.0237, 0.2731, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

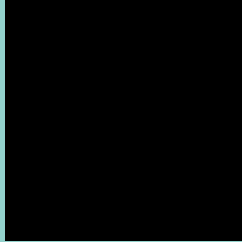
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

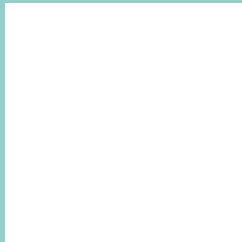
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0237, 0.2731, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 56.0237, 0.2731, 0.3367.

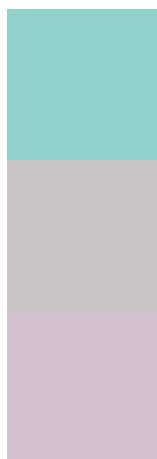


This preview shows how white text looks on a background with the Yxy color 56.0237, 0.2731, 0.3367.

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

56.0237, 0.2731, 0.3367

Protanopia

55.6993, 0.3166, 0.3302

Deuteranopia

55.6155, 0.3168, 0.3104



Tritanopia

56.0496, 0.2641, 0.3075

Trichromacy



Original Color

56.0237, 0.2731, 0.3367

Protanomaly

55.5538, 0.2989, 0.3327

Deuteranomaly

55.4092, 0.2986, 0.3192

Tritanomaly

55.9731, 0.2671, 0.3174

Monochromacy



Original Color

56.0237, 0.2731, 0.3367

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.2591, 0.2963, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0237, 0.2731, 0.3367 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(146, 209, 203)` looks like.

```
.text, #text, p{  
    color:rgb(146, 209, 203)  
}
```

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(146, 209, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 209, 203) }
```

Border

The CSS property to change the border of an element to Yxy 56.0237, 0.2731, 0.3367 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(146, 209, 203) }
```

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

```
.border{ border-color:rgb(146, 209, 203) }
```

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

Here you see how a box with a 4 pixel rgb(146, 209, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 209, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 209, 203);  
box-shadow:4px 4px 4px 4px rgb(146, 209,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0237, 0.2731, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 209, 203) }
```

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

```
.background{ background-color: rgb(146,  
209, 203) }
```

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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