

Converting Colors

Yxy(50.1469, 0.2835, 0.3242)

Have a look what the booklet for
Yxy(50.1469, 0.2835, 0.3242)
contains.

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Color

Yxy(50.0317, 0.2832, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	9FC2C6
RGB	159, 194, 198
RGB Percent	62%, 76%, 78%
CMY	0.3765, 0.2392, 0.2234
CMYK	0.20, 0.02, 0.00, 0.22
HSL	186°, 26%, 70%
HSV	186°, 20%, 78%
XYZ	43.7855, 50.0317, 60.7925
YIQ	183.9910, -22.1440, -6.1760

Conversions

Conversions Part 2

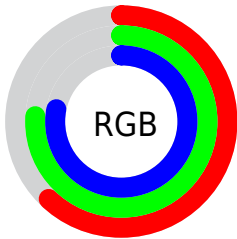
Format	Color
R_{YB}	159, 177, 198
Decimal	10470086
CIE _{Lab}	76.09, -10.77, -5.91
CIE _{LCh}	76, 12.290, 208.761
Yxy	50.0317, 0.2832, 0.3236
Android (android.graphics.Color)	4288660166 (0xFF9FC2C6)
YUV	183.9910, 6.9064, -21.9171
Hunter-Lab	70.7331, -13.2872, -1.4445

Details

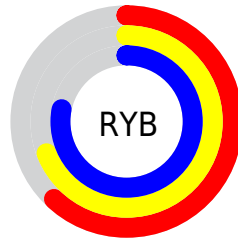
The Yxy color **50.0317, 0.2832, 0.3236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7183, 0.3503, 0.3343**, and the grayscale version is **47.8998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5105, 0.2881, 0.3248**, and **23.8956, 0.2756, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **47.2651, 0.2694, 0.3205**, and if you desaturate by 10%, it is **53.1393, 0.2979, 0.3265**.

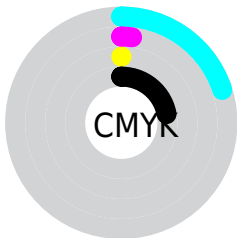
Distribution



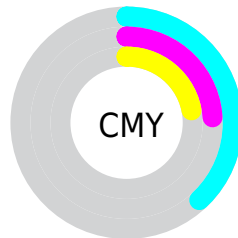
- Red (62%)
- Green (76%)
- Blue (78%)



- Red (62%)
- Yellow (69%)
- Blue (78%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)





- Cyan (38%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0317, 0.2832, 0.3236 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 50.0317, 0.2832, 0.3236 by changing the saturation by 10% instead.

 50.0317, 0.2832,
0.3236

 50.0317, 0.2832,
0.3236

386.7899, 0.2977,
0.3264

 35.4386, 0.2797,
0.3229


 90.2218, 0.2884,
0.3247

 24.0009, 0.2752,
0.3219


 116.5877, 0.2904,
0.3250

 15.3343, 0.2693,
0.3205


147.6465, 0.2920,
0.3254

 9.0543, 0.2613,
0.3186

183.7828, 0.2935,
0.3256

 4.7766, 0.2497,
0.3156

225.3808, 0.2947,
0.3259

 2.1168, 0.2313,
0.3104

272.8251, 0.2958,

 0.6741, 0.1708,

0.3261

0.3049

326.5000, 0.2968,
0.3263

0.0000, 0.0000,
0.0000

50.0317, 0.2832,
0.3236

50.0317, 0.2832,
0.3236

47.2651, 0.2694,
0.3205

53.1393, 0.2979,
0.3265

44.8178, 0.2567,
0.3173

56.5961, 0.3132,
0.3291

42.6751, 0.2454,
0.3139

60.4178, 0.3287,
0.3314

40.8189, 0.2358,
0.3104

64.6172, 0.3443,
0.3336

39.2287, 0.2280,
0.3068

68.6298, 0.3573,
0.3355

■ 37.8814, 0.2222,
0.3032

■ 69.6093, 0.3568,
0.3376

■ 36.7497, 0.2182,
0.2997

■ 70.6016, 0.3564,
0.3397

■ 35.7832, 0.2157,
0.2962

■ 71.6068, 0.3559,
0.3418

■ 35.7558, 0.2156,
0.2961

■ 72.6249, 0.3555,
0.3439

Harmonies

Analogous

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



50.0317, 0.2934, 0.3392



50.0317, 0.2832, 0.3236



50.0317, 0.2807, 0.3101

Triad

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



50.0317, 0.2832, 0.3236



50.0317, 0.3160, 0.3074



50.0317, 0.3392, 0.3562

Complementary

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



50.0317, 0.2832, 0.3236



40.7183, 0.3503, 0.3343

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.



50.0317, 0.3457, 0.3468



50.0317, 0.2832, 0.3236



50.0317, 0.3321, 0.3189

Square

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



50.0317, 0.2832, 0.3236



50.0317, 0.2993, 0.3013



50.0317, 0.3431, 0.3332



50.0317, 0.3256, 0.3584

Rectangle

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



50.0317, 0.2832, 0.3236



50.0317, 0.2837, 0.3040



50.0317, 0.3431, 0.3332



50.0317, 0.3423, 0.3537

Sweetspot

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



50.0338, 0.2832, 0.3236



96.2093, 0.3034, 0.3274



50.4138, 0.3075, 0.3771



20.5075, 0.3024, 0.3273



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.



50.0338, 0.2832, 0.3236



86.2183, 0.2766, 0.3222



41.9592, 0.2816, 0.2973



11.8732, 0.2984, 0.3265



23.3186, 0.2157, 0.2966



1.1594, 0.2178, 0.3039

Inverse Universe

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



40.7018, 0.3185, 0.2854



66.5744, 0.3201, 0.2748



48.1406, 0.3456, 0.3588



10.7970, 0.3153, 0.3085



9.8940, 0.3485, 0.1693



0.4741, 0.3420, 0.1658

Previews

White Background



This preview shows how the Yxy color 50.0317, 0.2832, 0.3236 looks on a white background.

Color Contrast Check

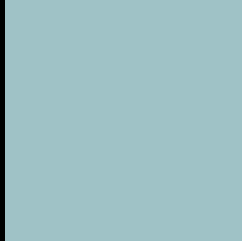
Large Text (above 18pt) WCAG AA × Fail

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 50.0317, 0.2832, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

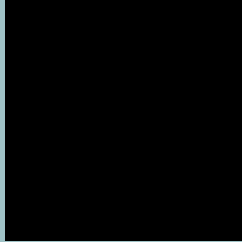
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

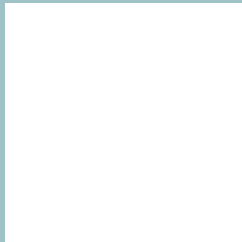
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0317, 0.2832, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 50.0317, 0.2832, 0.3236.



This preview shows how white text looks on a background with the Yxy color 50.0317, 0.2832, 0.3236.

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

50.0317, 0.2832, 0.3236

Protanopia

49.7869, 0.3098, 0.3202

Deuteranopia

49.8151, 0.3121, 0.3059



Tritanopia

49.8304, 0.2779, 0.3082

Trichromacy



Original Color

50.0317, 0.2832, 0.3236

Protanomaly

49.8003, 0.2994, 0.3213

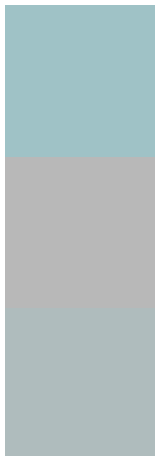
Deuteranomaly

49.4783, 0.3005, 0.3114

Tritanomaly

49.9731, 0.2799, 0.3146

Monochromacy



Original Color

50.0317, 0.2832, 0.3236

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7545, 0.3014, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0317, 0.2832, 0.3236 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(159, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 194, 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(159, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 194, 198) }
```

Border

The CSS property to change the border of an element to Yxy 50.0317, 0.2832, 0.3236 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(159, 194, 198) }
```

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

```
.border{ border-color:rgb(159, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 194, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 194, 198); box-shadow:4px 4px 4px 4px rgb(159, 194, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0317, 0.2832, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 194, 198) }
```

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

```
.background{ background-color: rgb(159,  
194, 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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