

Converting Colors

$Yxy(56.9262, 0.2754, 0.3293)$

Have a look what the booklet for
Yxy(56.9262, 0.2754, 0.3293)
contains.

Yxy(57.1236, 0.2757, 0.3302)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.1236, 0.2757, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	9BD1D0
RGB	155, 209, 208
RGB Percent	61%, 82%, 82%
CMY	0.3923, 0.1803, 0.1844
CMYK	0.26, 0.00, 0.00, 0.18
HSL	179°, 37%, 71%
HSV	179°, 26%, 82%
XYZ	47.6953, 57.1236, 68.1781
YIQ	192.7400, -31.8630, -11.7590

Conversions

Conversions Part 2

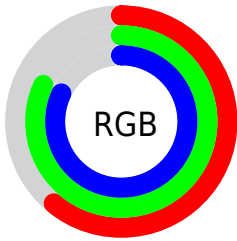
Format	Color
R_{YB}	155, 182, 209
Decimal	10211792
CIE _{Lab}	80.25, -17.54, -5.16
CIE _{LCh}	80, 18.281, 196.384
Yxy	57.1236, 0.2757, 0.3302
Android (android.graphics.Color)	4288401872 (0xFF9BD1D0)
YUV	192.7400, 7.5232, -33.0980
Hunter-Lab	75.5802, -19.6219, -0.5772

Details

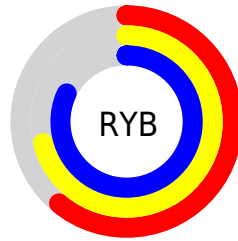
The Yxy color **57.1236, 0.2757, 0.3302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.3852, 0.3664, 0.3279**, and the grayscale version is **53.1326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **28.2691, 0.2660, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **55.2150, 0.2634, 0.3307**, and if you desaturate by 10%, it is **59.3948, 0.2893, 0.3297**.

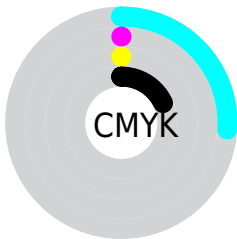
Distribution



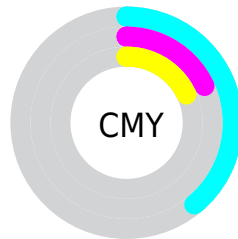
- Red (61%)
- Green (82%)
- Blue (82%)



- Red (61%)
- Yellow (71%)
- Blue (82%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)




- Cyan (39%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1236, 0.2757, 0.3302 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 57.1236, 0.2757, 0.3302 by changing the saturation by 10% instead.

 57.1236, 0.2757,
0.3302


 57.1236, 0.2757,
0.3302


413.9123, 0.2934,
0.3299

 41.1045, 0.2715,
0.3302


 100.6455, 0.2820,
0.3301

 28.4007, 0.2662,
0.3302


 128.9171, 0.2844,
0.3301

 18.6280, 0.2595,
0.3301


162.0416, 0.2864,
0.3300

 11.4018, 0.2504,
0.3300

200.4035, 0.2882,
0.3300

 6.3377, 0.2376,
0.3295

244.3871, 0.2897,
0.3300

 3.0515, 0.2183,
0.3283

294.3769, 0.2911,

 1.1587, 0.1830,

0.3299

0.3261

350.7571, 0.2923,
0.3299

0.0276, 0.0000,
0.0659

0.0000, 0.0000,
0.0000

57.1236, 0.2757,
0.3302

57.1236, 0.2757,
0.3302

55.2150, 0.2634,
0.3307

59.3948, 0.2893,
0.3297

53.6436, 0.2527,
0.3313

62.0387, 0.3038,
0.3292

52.3916, 0.2438,
0.3319

65.0737, 0.3191,
0.3288

51.4368, 0.2367,
0.3325

68.5148, 0.3348,
0.3285

■ 50.7542, 0.2316,
0.3331

■ 71.5200, 0.3472,
0.3281

■ 50.3146, 0.2283,
0.3337

■ 71.5398, 0.3469,
0.3277

■ 50.0819, 0.2267,
0.3343

■ 71.5597, 0.3466,
0.3273

■ 50.0182, 0.2263,
0.3346

■ 71.5796, 0.3463,
0.3269

■ 71.5996, 0.3460,
0.3265

Harmonies

Analogous

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



57.1236, 0.2935, 0.3521



57.1236, 0.2757, 0.3302



57.1236, 0.2676, 0.3089

Triad

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



57.1236, 0.2757, 0.3302



57.1236, 0.3071, 0.2941



57.1236, 0.3558, 0.3629

Complementary

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



57.1236, 0.2757, 0.3302



39.3852, 0.3664, 0.3279

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.



57.1236, 0.3600, 0.3462



57.1236, 0.2757, 0.3302



57.1236, 0.3313, 0.3073

Square

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



57.1236, 0.2757, 0.3302



57.1236, 0.2852, 0.2892



57.1236, 0.3509, 0.3261



57.1236, 0.3398, 0.3712

Rectangle

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



57.1236, 0.2757, 0.3302



57.1236, 0.2686, 0.2982



57.1236, 0.3509, 0.3261



57.1236, 0.3586, 0.3580

Sweetspot

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



57.1259, 0.2757, 0.3302



96.3092, 0.3005, 0.3293



55.1171, 0.3106, 0.4021



20.4752, 0.2983, 0.3294



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.



57.1259, 0.2757, 0.3302



87.8680, 0.2688, 0.3305



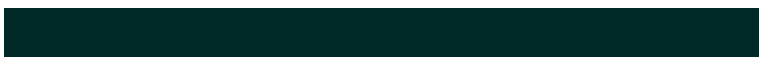
45.7611, 0.2720, 0.2956



13.4031, 0.2986, 0.3294



30.8366, 0.2262, 0.3345



1.7254, 0.2259, 0.3334

Inverse Universe

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



39.3852, 0.3664, 0.3279



55.4834, 0.3823, 0.3276



48.6392, 0.3597, 0.3602



11.8118, 0.3288, 0.3286



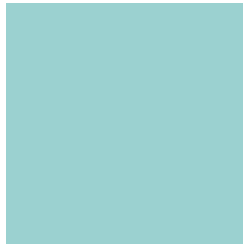
8.3648, 0.6378, 0.3287



0.4690, 0.6305, 0.3247

Previews

White Background



This preview shows how the Yxy color 57.1236, 0.2757, 0.3302 looks on a white background.

Color Contrast Check

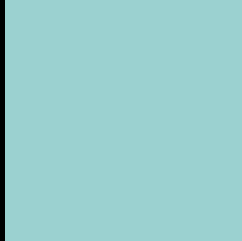
Large Text (above 18pt) WCAG AA × Fail

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 57.1236, 0.2757, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

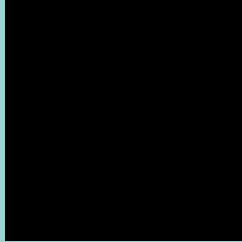
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

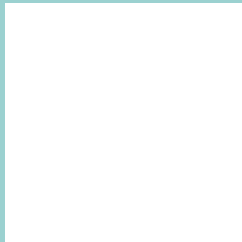
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1236, 0.2757, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 57.1236, 0.2757, 0.3302.

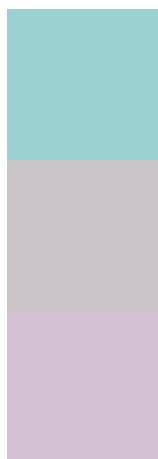


This preview shows how white text looks on a background with the Yxy color 57.1236, 0.2757, 0.3302.

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

57.1236, 0.2757, 0.3302

Protanopia

56.5671, 0.3129, 0.3242

Deuteranopia

56.8401, 0.3145, 0.3083



Tritanopia

57.2225, 0.2685, 0.3090

Trichromacy



Original Color

57.1236, 0.2757, 0.3302

Protanomaly

56.3233, 0.2977, 0.3253

Deuteranomaly

56.5764, 0.2988, 0.3157

Tritanomaly

57.3418, 0.2710, 0.3163

Monochromacy



Original Color

57.1236, 0.2757, 0.3302

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.5078, 0.2981, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1236, 0.2757, 0.3302 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(155, 209, 208)` looks like.

```
.text, #text, p{  
    color:rgb(155, 209, 208)  
}
```

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(155, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 209, 208) }
```

Border

The CSS property to change the border of an element to Yxy 57.1236, 0.2757, 0.3302 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(155, 209, 208) }
```

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

```
.border{ border-color:rgb(155, 209, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 209, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 209, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 209, 208);  
box-shadow:4px 4px 4px 4px rgb(155, 209,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1236, 0.2757, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 209, 208) }
```

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

```
.background{ background-color: rgb(155,  
209, 208) }
```

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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