

Converting Colors

$Yxy(38.4338, 0.2607, 0.3512)$

Have a look what the booklet for
Yxy(38.4338, 0.2607, 0.3512)
contains.

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Color

Yxy(38.4344, 0.2607, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	62B5A7
RGB	98, 181, 167
RGB Percent	38%, 71%, 65%
CMY	0.6159, 0.2901, 0.3451
CMYK	0.46, 0.00, 0.08, 0.29
HSL	170°, 36%, 55%
HSV	170°, 46%, 71%
XYZ	28.5303, 38.4344, 42.4726
YIQ	154.5870, -44.9740, -21.9500

Conversions

Conversions Part 2

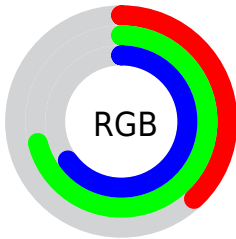
Format	Color
RYB	98, 143, 181
Decimal	6469031
CIELab	68.34, -28.75, -0.72
CIELCh	68, 28.762, 181.433
Yxy	38.4344, 0.2607, 0.3512
Android (android.graphics.Color)	4284659111 (0xFF62B5A7)
YUV	154.5870, 6.1196, -49.6268
Hunter-Lab	61.9955, -26.3464, 2.7777

Details

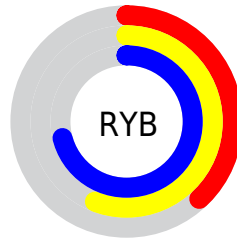
The Yxy color **38.4344, 0.2607, 0.3512** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **19.7174, 0.4129, 0.3091**, and the grayscale version is **32.5678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6146, 0.2704, 0.3468**, and **17.1476, 0.2454, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **37.4295, 0.2529, 0.3569**, and if you desaturate by 10%, it is **39.6727, 0.2701, 0.3457**.

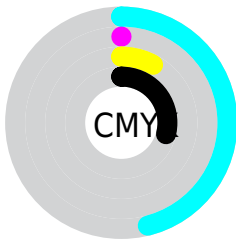
Distribution



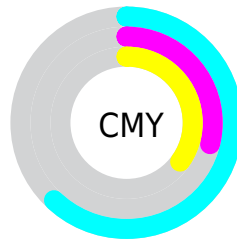
- Red (38%)
- Green (71%)
- Blue (65%)



- Red (38%)
- Yellow (56%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)




- Cyan (62%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4344, 0.2607, 0.3512 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 38.4344, 0.2607, 0.3512 by changing the saturation by 10% instead.


 38.4344, 0.2607,
0.3512


 38.4344, 0.2607,
0.3512


339.4798, 0.2874,
0.3399


 26.3200, 0.2538,
0.3541


 72.7735, 0.2705,
0.3470

 17.0632, 0.2449,
0.3578


 95.7669, 0.2742,
0.3455

 10.2796, 0.2328,
0.3629


 123.1556, 0.2773,
0.3442

 5.5847, 0.2156,
0.3700

 155.3237, 0.2799,
0.3431

 2.5942, 0.1893,
0.3808

192.6559, 0.2821,
0.3421

 0.9238, 0.0814,
0.4281

235.5363, 0.2841,

 0.0000, 0.0000,

0.3413

0.0000

284.3495, 0.2858,
0.3405

■ 38.4344, 0.2607,
0.3512

■ 38.4344, 0.2607,
0.3512

■ 37.4295, 0.2529,
0.3569

■ 39.6727, 0.2701,
0.3457

■ 36.6378, 0.2468,
0.3628

■ 41.1538, 0.2808,
0.3406

■ 36.0433, 0.2426,
0.3688


■ 42.8923, 0.2926,
0.3358


■ 35.6257, 0.2403,
0.3748

■ 44.9002, 0.3051,
0.3314


■ 35.3590, 0.2398,
0.3808

■ 47.1889, 0.3181,
0.3274

 35.2703, 0.2398,
0.3832

 49.7689, 0.3313,
0.3238

 52.6503, 0.3446,
0.3206

 55.8428, 0.3577,
0.3178

 58.2295, 0.3656,
0.3151

Harmonies

Analogous

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



38.4344, 0.2975, 0.3885



38.4344, 0.2607, 0.3512



38.4344, 0.2384, 0.3094

Triad

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



38.4344, 0.2607, 0.3512



38.4344, 0.2815, 0.2624



38.4344, 0.3969, 0.3736

Complementary

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



38.4344, 0.2607, 0.3512



19.7174, 0.4129, 0.3091

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.



38.4344, 0.3931, 0.3399



38.4344, 0.2607, 0.3512



38.4344, 0.3238, 0.2785

Square

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



38.4344, 0.2607, 0.3512



38.4344, 0.2498, 0.2613



38.4344, 0.3656, 0.3061



38.4344, 0.3769, 0.3989

Rectangle

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



38.4344, 0.2607, 0.3512



38.4344, 0.2338, 0.2863



38.4344, 0.3656, 0.3061



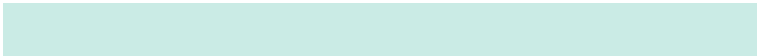
38.4344, 0.3985, 0.3629

Sweetspot

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



38.4359, 0.2607, 0.3512



77.3709, 0.2946, 0.3350



37.4553, 0.3178, 0.4656



16.5672, 0.2920, 0.3360



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.4359, 0.2607, 0.3512



67.0214, 0.2528, 0.3569



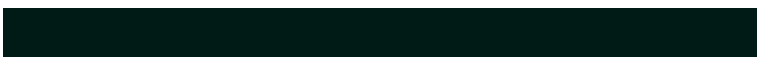
29.2744, 0.2446, 0.2860



9.6064, 0.3008, 0.3329



24.3197, 0.2396, 0.3825



0.7717, 0.2350, 0.3659

Inverse Universe

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



19.7174, 0.4129, 0.3091



29.3549, 0.4487, 0.3057



25.1823, 0.4156, 0.3672



8.5279, 0.3261, 0.3252



6.8460, 0.6124, 0.3147



0.2225, 0.5442, 0.2771

Previews

White Background



This preview shows how the Yxy color 38.4344, 0.2607, 0.3512 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 38.4344, 0.2607, 0.3512 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

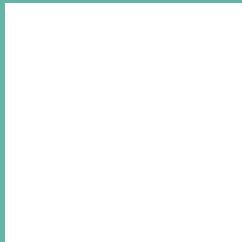
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.4344, 0.2607, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 38.4344, 0.2607, 0.3512.

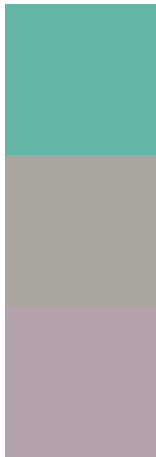


This preview shows how white text looks on a background with the Yxy color 38.4344, 0.2607, 0.3512.

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

38.4344, 0.2607, 0.3512

Protanopia

37.9249, 0.3236, 0.3390

Deuteranopia

38.0137, 0.3210, 0.3154



Tritanopia

38.2533, 0.2486, 0.3062

Trichromacy



Original Color

38.4344, 0.2607, 0.3512

Protanomaly

37.6283, 0.2971, 0.3440

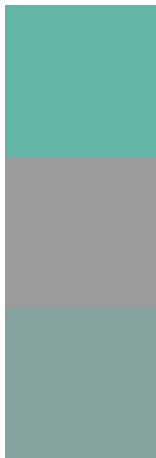
Deuteranomaly

37.3916, 0.2950, 0.3260

Tritanomaly

38.0845, 0.2525, 0.3211

Monochromacy



Original Color

38.4344, 0.2607, 0.3512

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.1225, 0.2898, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4344, 0.2607, 0.3512 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(98, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(98, 181, 167)  
}
```

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(98, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 181, 167) }
```

Border

The CSS property to change the border of an element to Yxy 38.4344, 0.2607, 0.3512 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(98, 181, 167) }
```

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

```
.border{ border-color:rgb(98, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(98, 181,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4344, 0.2607, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 181, 167) }
```

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

```
.background{ background-color: rgb(98, 181,  
167) }
```

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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