

Converting Colors

$Yxy(36.5241, 0.2398, 0.3511)$

Have a look what the booklet for
Yxy(36.5241, 0.2398, 0.3511)
contains.

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Color

Yxy(36.6050, 0.2395, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	34B5A8
RGB	52, 181, 168
RGB Percent	20%, 71%, 66%
CMY	0.7964, 0.2902, 0.3411
CMYK	0.71, 0.00, 0.07, 0.29
HSL	174°, 55%, 46%
HSV	174°, 71%, 71%
XYZ	25.0054, 36.6050, 42.7963
YIQ	140.9470, -72.7110, -31.3910

Conversions

Conversions Part 2

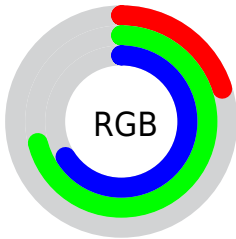
Format	Color
RYB	52, 120, 181
Decimal	3454376
CIELab	66.98, -37.29, -3.43
CIElCh	67, 37.446, 185.262
Yxy	36.6050, 0.2395, 0.3506
Android (android.graphics.Color)	4281644456 (0xFF34B5A8)
YUV	140.9470, 13.3371, -78.0065
Hunter-Lab	60.5021, -32.1048, 0.4125

Details

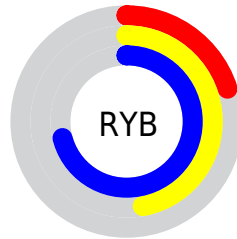
The Yxy color **36.6050, 0.2395, 0.3506** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **12.6551, 0.5282, 0.3148**, and the grayscale version is **26.5753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6780, 0.2532, 0.3463**, and **16.4397, 0.2319, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **36.1479, 0.2358, 0.3540**, and if you desaturate by 10%, it is **37.2498, 0.2451, 0.3472**.

Distribution



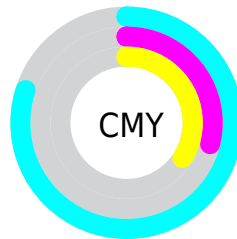
- Red (20%)
- Green (71%)
- Blue (66%)



- Red (20%)
- Yellow (47%)
- Blue (71%)



- Cyan (71%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)





- Cyan (80%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6050, 0.2395, 0.3506 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 36.6050, 0.2395, 0.3506 by changing the saturation by 10% instead.


 36.6050, 0.2395,
0.3506


 36.6050, 0.2395,
0.3506


331.5972, 0.2770,
0.3399


 24.9018, 0.2299,
0.3532


 69.9649, 0.2533,
0.3468

 16.0039, 0.2175,
0.3564


 92.3903, 0.2584,
0.3453


 9.5269, 0.2008,
0.3606


 119.1586, 0.2628,
0.3441

 5.0864, 0.1773,
0.3661

 150.6542, 0.2665,
0.3430

 2.2981, 0.1424,
0.3732

 187.2615, 0.2696,
0.3421

 0.7727, 0.0000,
0.4157

229.3648, 0.2724,

 0.0000, 0.0000,

0.3413

0.0000

277.3486, 0.2748,
0.3406

■ 36.6050, 0.2395,
0.3506

■ 36.6050, 0.2395,
0.3506

■ 36.1479, 0.2358,
0.3540

■ 37.2498, 0.2451,
0.3472

■ 35.8520, 0.2340,
0.3575

■ 38.0971, 0.2525,
0.3438

■ 35.6872, 0.2335,
0.3604

■ 39.1647, 0.2616,
0.3406

■ 40.4676, 0.2723,
0.3374

■ 42.0191, 0.2842,
0.3345

■ 43.8319, 0.2972,
0.3318

■ 45.9176, 0.3109,
0.3293

■ 48.2872, 0.3250,
0.3271

■ 50.9511, 0.3394,
0.3250

Harmonies

Analogous

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



36.6050, 0.2848, 0.4043



36.6050, 0.2395, 0.3506



36.6050, 0.2146, 0.2952

Triad

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



36.6050, 0.2395, 0.3506



36.6050, 0.2778, 0.2451



36.6050, 0.4217, 0.3901

Complementary

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



36.6050, 0.2395, 0.3506



12.6551, 0.5282, 0.3148

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.



36.6050, 0.4218, 0.3470



36.6050, 0.2395, 0.3506



36.6050, 0.3342, 0.2677

Square

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



36.6050, 0.2395, 0.3506



36.6050, 0.2352, 0.2404



36.6050, 0.3888, 0.3038



36.6050, 0.3907, 0.4231

Rectangle

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



36.6050, 0.2395, 0.3506



36.6050, 0.2111, 0.2671



36.6050, 0.3888, 0.3038



36.6050, 0.4256, 0.3763

Sweetspot

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



36.6064, 0.2395, 0.3506



75.2366, 0.2842, 0.3345



34.4910, 0.3097, 0.5490



16.0889, 0.2808, 0.3353



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.



36.6064, 0.2395, 0.3506



64.3780, 0.2345, 0.3561



20.4393, 0.2108, 0.2402



9.6165, 0.2999, 0.3313



24.6056, 0.2333, 0.3600



0.7784, 0.2307, 0.3505

Inverse Universe

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



12.6551, 0.5282, 0.3148



18.9318, 0.5943, 0.3186



19.4589, 0.4919, 0.3928



8.5187, 0.3272, 0.3267



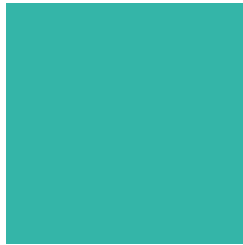
6.8080, 0.6263, 0.3224



0.2187, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 36.6050, 0.2395, 0.3506 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 36.6050, 0.2395, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

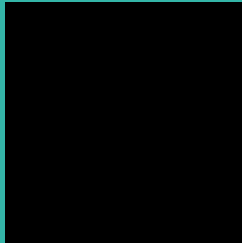
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

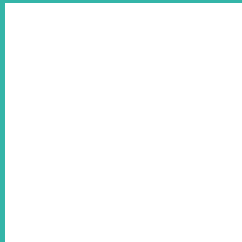
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.6050, 0.2395, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 36.6050, 0.2395, 0.3506.

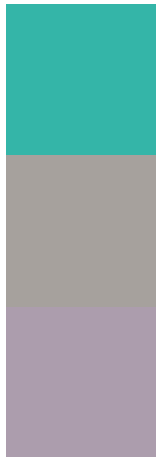


This preview shows how white text looks on a background with the Yxy color 36.6050, 0.2395, 0.3506.

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

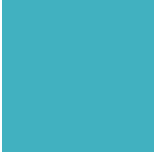
36.6050, 0.2395, 0.3506

Protanopia

36.0311, 0.3211, 0.3348

Deuteranopia

35.9017, 0.3128, 0.3067



Tritanopia

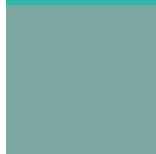
36.3739, 0.2299, 0.3051

Trichromacy



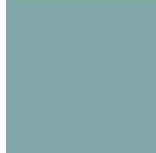
Original Color

36.6050, 0.2395, 0.3506



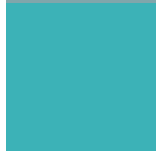
Protanomaly

34.9384, 0.2811, 0.3400



Deuteranomaly

34.8019, 0.2758, 0.3212



Tritanomaly

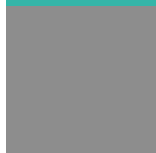
36.2203, 0.2331, 0.3207

Monochromacy



Original Color

36.6050, 0.2395, 0.3506



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

29.2625, 0.2742, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6050, 0.2395, 0.3506 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(52, 181, 168)` looks like.

```
.text, #text, p{  
    color:rgb(52, 181, 168)  
}
```

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(52, 181, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 181, 168) }
```

Border

The CSS property to change the border of an element to Yxy 36.6050, 0.2395, 0.3506 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(52, 181, 168) }
```

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

```
.border{ border-color:rgb(52, 181, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 181, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 181, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 181, 168);  
box-shadow:4px 4px 4px 4px rgb(52, 181,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6050, 0.2395, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 181, 168) }
```

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

```
.background{ background-color: rgb(52, 181,  
168) }
```

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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