

Converting Colors

$Yxy(38.3372, 0.2727, 0.3685)$

Have a look what the booklet for
Yxy(38.3372, 0.2727, 0.3685)
contains.

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Color

Yxy(38.5122, 0.2728, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	6AB59C
RGB	106, 181, 156
RGB Percent	42%, 71%, 61%
CMY	0.5841, 0.2902, 0.3882
CMYK	0.41, 0.00, 0.14, 0.29
HSL	160°, 34%, 56%
HSV	160°, 41%, 71%
XYZ	28.4719, 38.5122, 37.3850
YIQ	155.7250, -36.6750, -23.6750

Conversions

Conversions Part 2

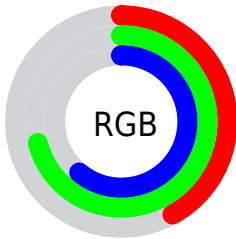
Format	Color
RYB	106, 151, 181
Decimal	6993308
CIELab	68.40, -29.23, 5.46
CIElCh	68, 29.733, 169.412
Yxy	38.5122, 0.2728, 0.3690
Android (android.graphics.Color)	4285183388 (0xFF6AB59C)
YUV	155.7250, 0.1356, -43.6088
Hunter-Lab	62.0582, -26.7072, 7.7233

Details

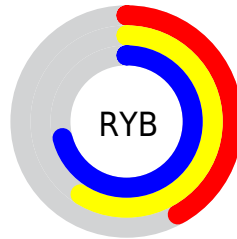
The Yxy color **38.5122, 0.2728, 0.3690** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **21.7799, 0.3811, 0.2932**, and the grayscale version is **33.1331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7986, 0.2810, 0.3614**, and **17.1883, 0.2600, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **37.3194, 0.2657, 0.3807**, and if you desaturate by 10%, it is **39.9523, 0.2812, 0.3580**.

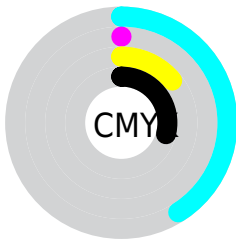
Distribution



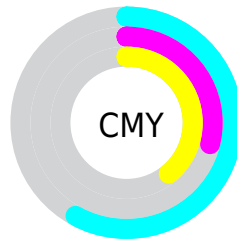
- Red (42%)
- Green (71%)
- Blue (61%)



- Red (42%)
- Yellow (59%)
- Blue (71%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)





- Cyan (58%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5122, 0.2728, 0.3690 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 38.5122, 0.2728, 0.3690 by changing the saturation by 10% instead.


 38.5122, 0.2728,
0.3690


 38.5122, 0.2728,
0.3690


339.8121, 0.2936,
0.3479


 26.3805, 0.2673,
0.3747


 72.8925, 0.2806,
0.3611


 17.1085, 0.2602,
0.3822

 95.9099, 0.2834,
0.3582

 10.3119, 0.2503,
0.3926

 123.3246, 0.2858,
0.3557

 5.6062, 0.2360,
0.4082

 155.5211, 0.2878,
0.3537

 2.6072, 0.2133,
0.4335

192.8837, 0.2896,
0.3519

 0.9303, 0.0983,
0.5376

235.7968, 0.2911,

 0.0000, 0.0000,

0.3504

0.0000

284.6448, 0.2924,
0.3491

■ 38.5122, 0.2728,
0.3690

■ 38.5122, 0.2728,
0.3690

■ 37.3194, 0.2657,
0.3807

■ 39.9523, 0.2812,
0.3580

■ 36.3544, 0.2601,
0.3929

■ 41.6487, 0.2906,
0.3479

■ 35.6018, 0.2563,
0.4055


■ 43.6157, 0.3007,
0.3385


■ 35.0428, 0.2545,
0.4182


■ 45.8651, 0.3112,
0.3301

■ 34.6546, 0.2547,
0.4309

■ 48.4080, 0.3219,
0.3226

 34.4183, 0.2560,
0.4416

 51.2548, 0.3326,
0.3158

 54.4155, 0.3432,
0.3099

 57.8997, 0.3535,
0.3047

 58.9761, 0.3519,
0.2989

Harmonies

Analogous

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



38.5122, 0.3145, 0.4010



38.5122, 0.2728, 0.3690



38.5122, 0.2431, 0.3254

Triad

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



38.5122, 0.2728, 0.3690



38.5122, 0.2656, 0.2579



38.5122, 0.4013, 0.3614

Complementary

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



38.5122, 0.2728, 0.3690



21.7799, 0.3811, 0.2932

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.



38.5122, 0.3869, 0.3258



38.5122, 0.2728, 0.3690



38.5122, 0.3059, 0.2687

Square

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



38.5122, 0.2728, 0.3690



38.5122, 0.2394, 0.2636



38.5122, 0.3510, 0.2929



38.5122, 0.3898, 0.3922

Rectangle

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



38.5122, 0.2728, 0.3690



38.5122, 0.2332, 0.2984



38.5122, 0.3510, 0.2929



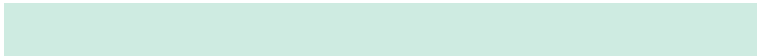
38.5122, 0.3994, 0.3497

Sweetspot

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



38.5138, 0.2728, 0.3690



77.8217, 0.2999, 0.3392



39.0160, 0.3283, 0.4466



16.7182, 0.2986, 0.3404



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.



38.5138, 0.2728, 0.3690



66.9525, 0.2660, 0.3800



35.0602, 0.2540, 0.3112



9.5824, 0.3029, 0.3367



23.7413, 0.2556, 0.4401



0.7573, 0.2459, 0.4052

Inverse Universe

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



21.7799, 0.3811, 0.2932



32.8013, 0.4053, 0.2855



23.6541, 0.4099, 0.3456



8.5505, 0.3236, 0.3214



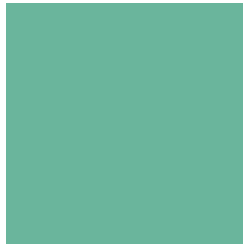
7.0115, 0.5604, 0.2861



0.2317, 0.4809, 0.2423

Previews

White Background



This preview shows how the Yxy color 38.5122, 0.2728, 0.3690 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 38.5122, 0.2728, 0.3690 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 38.5122, 0.2728, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 38.5122, 0.2728, 0.3690.



This preview shows how white text looks on a background with the Yxy color 38.5122, 0.2728, 0.3690.

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

38.5122, 0.2728, 0.3690

Protanopia

37.9326, 0.3355, 0.3532

Deuteranopia

37.8700, 0.3361, 0.3291



Tritanopia

38.4132, 0.2556, 0.3079

Trichromacy



Original Color

38.5122, 0.2728, 0.3690

Protanomaly

37.7497, 0.3095, 0.3590

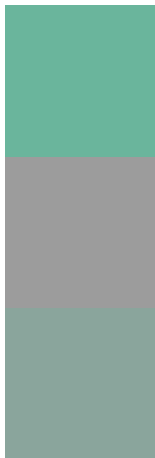
Deuteranomaly

37.5764, 0.3094, 0.3422

Tritanomaly

38.4999, 0.2617, 0.3289

Monochromacy



Original Color

38.5122, 0.2728, 0.3690

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.7138, 0.2957, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5122, 0.2728, 0.3690 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(106, 181, 156)` looks like.

```
.text, #text, p{  
    color:rgb(106, 181, 156)  
}
```

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(106, 181, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 181, 156) }
```

Border

The CSS property to change the border of an element to Yxy 38.5122, 0.2728, 0.3690 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(106, 181, 156) }
```

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

```
.border{ border-color:rgb(106, 181, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 181, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 181, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 181, 156);  
box-shadow:4px 4px 4px 4px rgb(106, 181,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5122, 0.2728, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 181, 156) }
```

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

```
.background{ background-color: rgb(106,  
181, 156) }
```

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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