

Converting Colors

$Yxy(30.2445, 0.2681, 0.3606)$

Have a look what the booklet for
Yxy(30.2445, 0.2681, 0.3606)
contains.

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Color

Yxy(30.1814, 0.2685, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	5DA290
RGB	93, 162, 144
RGB Percent	36%, 64%, 56%
CMY	0.6354, 0.3647, 0.4353
CMYK	0.43, 0.00, 0.11, 0.36
HSL	164°, 27%, 50%
HSV	164°, 43%, 64%
XYZ	22.4666, 30.1814, 31.0265
YIQ	139.3170, -35.3460, -20.2260

Conversions

Conversions Part 2

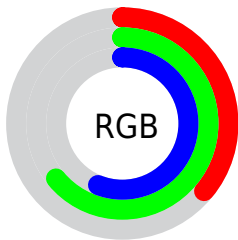
Format	Color
RYB	93, 133, 162
Decimal	6136464
CIELab	61.81, -26.24, 2.55
CIELCh	62, 26.363, 174.457
Yxy	30.1814, 0.2685, 0.3607
Android (android.graphics.Color)	4284326544 (0xFF5DA290)
YUV	139.3170, 2.3087, -40.6200
Hunter-Lab	54.9376, -23.1436, 4.9718

Details

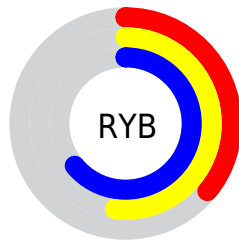
The Yxy color **30.1814, 0.2685, 0.3607** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.6542, 0.3911, 0.3004**, and the grayscale version is **25.9469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9060, 0.2776, 0.3535**, and **12.3913, 0.2528, 0.3714** is the 20% darker color. If you saturate the color by 10%, you get **29.2983, 0.2609, 0.3696**, and if you desaturate by 10%, it is **31.2508, 0.2775, 0.3523**.

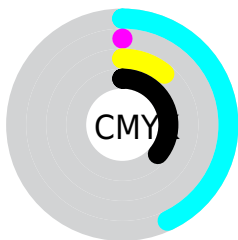
Distribution



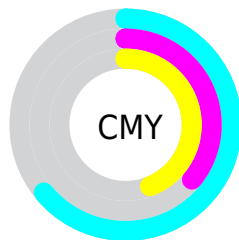
- Red (36%)
- Green (64%)
- Blue (56%)



- Red (36%)
- Yellow (52%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (36%)





- Cyan (64%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1814, 0.2685, 0.3607 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 30.1814, 0.2685, 0.3607 by changing the saturation by 10% instead.

 30.1814, 0.2685,
0.3607


 30.1814, 0.2685,
0.3607


302.7491, 0.2922,
0.3435


 19.9763, 0.2620,
0.3655


 59.9489, 0.2775,
0.3541

 12.3778, 0.2532,
0.3720


 80.2802, 0.2808,
0.3517

 7.0015, 0.2408,
0.3813


 104.7556, 0.2835,
0.3498

 3.4631, 0.2221,
0.3956

 133.7596, 0.2858,
0.3481

 1.3780, 0.1851,
0.4235

167.6765, 0.2878,
0.3467

 0.2004, 0.0000,
0.8329

206.8908, 0.2895,

 0.0000, 0.0000,

0.3455

0.0000

251.7869, 0.2909,
0.3444

■ 30.1814, 0.2685,
0.3607

■ 30.1814, 0.2685,
0.3607

■ 29.2983, 0.2609,
0.3696

■ 31.2508, 0.2775,
0.3523

■ 28.5865, 0.2549,
0.3789

■ 32.5134, 0.2875,
0.3444

■ 28.0343, 0.2507,
0.3884


■ 33.9800, 0.2983,
0.3372


■ 27.6272, 0.2484,
0.3981

■ 35.6597, 0.3097,
0.3306


■ 27.3478, 0.2480,
0.4077

■ 37.5608, 0.3214,
0.3247

 27.1929, 0.2485,
0.4147

 39.6915, 0.3331,
0.3194

 42.0593, 0.3448,
0.3147

 44.6715, 0.3562,
0.3105

 47.5349, 0.3673,
0.3069

Harmonies

Analogous

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



30.1814, 0.3074, 0.3943



30.1814, 0.2685, 0.3607



30.1814, 0.2425, 0.3187

Triad

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



30.1814, 0.2685, 0.3607



30.1814, 0.2732, 0.2611



30.1814, 0.3977, 0.3660

Complementary

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



30.1814, 0.2685, 0.3607



16.6542, 0.3911, 0.3004

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.



30.1814, 0.3881, 0.3318



30.1814, 0.2685, 0.3607



30.1814, 0.3135, 0.2739

Square

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



30.1814, 0.2685, 0.3607



30.1814, 0.2451, 0.2639



30.1814, 0.3564, 0.2991



30.1814, 0.3829, 0.3939

Rectangle

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



30.1814, 0.2685, 0.3607



30.1814, 0.2349, 0.2939



30.1814, 0.3564, 0.2991



30.1814, 0.3973, 0.3549

Sweetspot

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



30.1826, 0.2685, 0.3607



61.5016, 0.2976, 0.3376



30.0375, 0.3231, 0.4513



13.6800, 0.2953, 0.3391



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.1826, 0.2685, 0.3607



53.2773, 0.2613, 0.3690



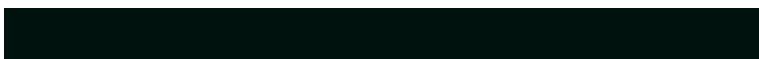
25.4618, 0.2513, 0.3005



7.9796, 0.3021, 0.3349



21.4286, 0.2483, 0.4139



0.4573, 0.2387, 0.3793

Inverse Universe

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



16.6542, 0.3911, 0.3004



25.4494, 0.4183, 0.2947



19.4273, 0.4086, 0.3551



7.1149, 0.3246, 0.3232



6.1910, 0.5850, 0.2996



0.1374, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 30.1814, 0.2685, 0.3607 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 30.1814, 0.2685, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

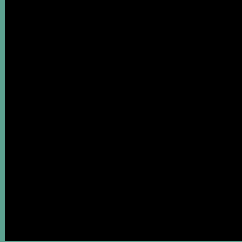
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1814, 0.2685, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 30.1814, 0.2685, 0.3607.

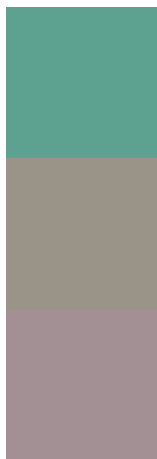


This preview shows how white text looks on a background with the Yxy color 30.1814, 0.2685, 0.3607.

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

30.1814, 0.2685, 0.3607

Protanopia

29.8274, 0.3308, 0.3479

Deuteranopia

29.8712, 0.3290, 0.3230



Tritanopia

30.1033, 0.2535, 0.3073

Trichromacy



Original Color

30.1814, 0.2685, 0.3607

Protanomaly

29.5521, 0.3047, 0.3522

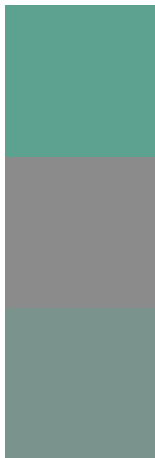
Deuteranomaly

29.6431, 0.3034, 0.3354

Tritanomaly

29.9109, 0.2585, 0.3254

Monochromacy



Original Color

30.1814, 0.2685, 0.3607

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.9281, 0.2932, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1814, 0.2685, 0.3607 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(93, 162, 144)` looks like.

```
.text, #text, p{  
    color:rgb(93, 162, 144)  
}
```

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(93, 162, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 162, 144) }
```

Border

The CSS property to change the border of an element to Yxy 30.1814, 0.2685, 0.3607 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(93, 162, 144) }
```

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

```
.border{ border-color:rgb(93, 162, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 162, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 162, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 162, 144);  
box-shadow:4px 4px 4px 4px rgb(93, 162,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1814, 0.2685, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 162, 144) }
```

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

```
.background{ background-color: rgb(93, 162,  
144) }
```

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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