

Converting Colors

$Yxy(30.2272, 0.2631, 0.3396)$

Have a look what the booklet for
Yxy(30.2272, 0.2631, 0.3396)
contains.

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Color

Yxy(30.3096, 0.2632, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	60A19A
RGB	96, 161, 154
RGB Percent	38%, 63%, 60%
CMY	0.6236, 0.3686, 0.3960
CMYK	0.40, 0.00, 0.04, 0.37
HSL	174°, 26%, 50%
HSV	174°, 40%, 63%
XYZ	23.4013, 30.3096, 35.1997
YIQ	140.7670, -36.4930, -15.9570

Conversions

Conversions Part 2

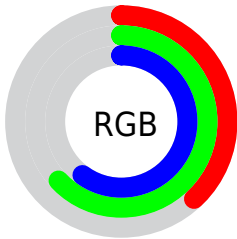
Format	Color
RYB	96, 130, 161
Decimal	6332826
CIELab	61.92, -22.48, -2.92
CIELCh	62, 22.673, 187.395
Yxy	30.3096, 0.2632, 0.3409
Android (android.graphics.Color)	4284522906 (0xFF60A19A)
YUV	140.7670, 6.5239, -39.2607
Hunter-Lab	55.0542, -20.4718, 0.6300

Details

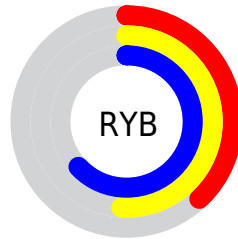
The Yxy color **30.3096, 0.2632, 0.3409** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.9178, 0.4008, 0.3180**, and the grayscale version is **26.5239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1498, 0.2735, 0.3391**, and **12.4301, 0.2469, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **29.4682, 0.2540, 0.3443**, and if you desaturate by 10%, it is **31.3331, 0.2739, 0.3376**.

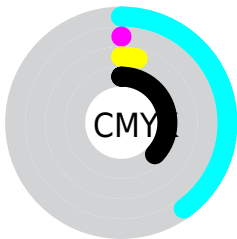
Distribution



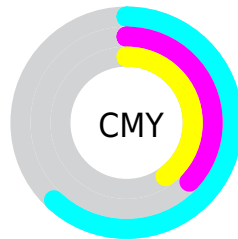
- Red (38%)
- Green (63%)
- Blue (60%)



- Red (38%)
- Yellow (51%)
- Blue (63%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)





- Cyan (62%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3096, 0.2632, 0.3409 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 30.3096, 0.2632, 0.3409 by changing the saturation by 10% instead.


 30.3096, 0.2632,
0.3409


 30.3096, 0.2632,
0.3409


303.3449, 0.2895,
0.3348

 20.0737, 0.2561,
0.3424


 60.1514, 0.2731,
0.3387


 12.4486, 0.2467,
0.3444


 80.5262, 0.2767,
0.3378

 7.0500, 0.2335,
0.3471


 105.0493, 0.2798,
0.3371

 3.4934, 0.2139,
0.3508

 134.1053, 0.2823,
0.3365

 1.3944, 0.1804,
0.3565

168.0784, 0.2845,
0.3360

 0.2126, 0.0000,
0.3280

207.3531, 0.2864,

 0.0000, 0.0000,

0.3356

0.0000

252.3138, 0.2880,
0.3352

■ 30.3096, 0.2632,
0.3409

■ 30.3096, 0.2632,
0.3409

■ 29.4682, 0.2540,
0.3443

■ 31.3331, 0.2739,
0.3376

■ 28.7942, 0.2464,
0.3479

■ 32.5451, 0.2858,
0.3346

■ 28.2767, 0.2407,
0.3515


■ 33.9562, 0.2987,
0.3317


■ 27.9017, 0.2368,
0.3552

■ 35.5750, 0.3122,
0.3291

■ 27.6531, 0.2347,
0.3588

■ 37.4098, 0.3261,
0.3267

 27.4965, 0.2340,
0.3623

 39.4682, 0.3402,
0.3246

 41.7577, 0.3543,
0.3228

 44.2852, 0.3682,
0.3211

 47.0576, 0.3818,
0.3197

Harmonies

Analogous

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



30.3096, 0.2930, 0.3740



30.3096, 0.2632, 0.3409



30.3096, 0.2468, 0.3063

Triad

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



30.3096, 0.2632, 0.3409



30.3096, 0.2929, 0.2732



30.3096, 0.3828, 0.3729

Complementary

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



30.3096, 0.2632, 0.3409



16.9178, 0.4008, 0.3180

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.



30.3096, 0.3835, 0.3450



30.3096, 0.2632, 0.3409



30.3096, 0.3299, 0.2895

Square

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



30.3096, 0.2632, 0.3409



30.3096, 0.2631, 0.2697



30.3096, 0.3637, 0.3151



30.3096, 0.3625, 0.3915

Rectangle

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



30.3096, 0.2632, 0.3409



30.3096, 0.2449, 0.2879



30.3096, 0.3637, 0.3151



30.3096, 0.3854, 0.3643

Sweetspot

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



30.3108, 0.2632, 0.3409



60.3174, 0.2962, 0.3322



29.2524, 0.3137, 0.4473



13.1599, 0.2947, 0.3325



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.3108, 0.2632, 0.3409



52.9767, 0.2552, 0.3438



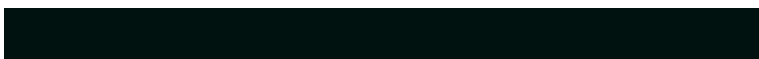
22.6892, 0.2515, 0.2843



7.9981, 0.3001, 0.3314



21.9630, 0.2339, 0.3620



0.4650, 0.2302, 0.3488

Inverse Universe

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



16.9178, 0.4008, 0.3180



25.7941, 0.4301, 0.3159



22.0733, 0.3953, 0.3692



7.0977, 0.3269, 0.3266



6.0878, 0.6245, 0.3214



0.1314, 0.5648, 0.2885

Previews

White Background



This preview shows how the Yxy color 30.3096, 0.2632, 0.3409 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 30.3096, 0.2632, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

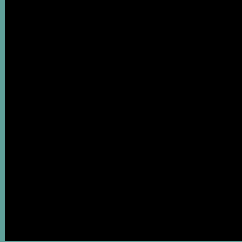
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3096, 0.2632, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 30.3096, 0.2632, 0.3409.



This preview shows how white text looks on a background with the Yxy color 30.3096, 0.2632, 0.3409.

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

30.3096, 0.2632, 0.3409

Protanopia

29.9618, 0.3178, 0.3306

Deuteranopia

30.0903, 0.3147, 0.3095



Tritanopia

30.1607, 0.2542, 0.3073

Trichromacy



Original Color

30.3096, 0.2632, 0.3409

Protanomaly

29.8900, 0.2950, 0.3338

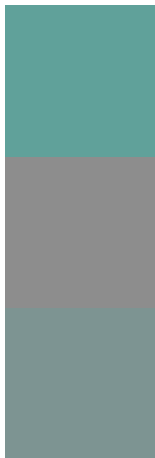
Deuteranomaly

29.8018, 0.2926, 0.3194

Tritanomaly

30.1655, 0.2571, 0.3187

Monochromacy



Original Color

30.3096, 0.2632, 0.3409

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.6151, 0.2917, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3096, 0.2632, 0.3409 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(96, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(96, 161, 154)  
}
```

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(96, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 161, 154) }
```

Border

The CSS property to change the border of an element to Yxy 30.3096, 0.2632, 0.3409 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(96, 161, 154) }
```

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

```
.border{ border-color:rgb(96, 161, 154) }
```

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

Here you see how a box with a 4 pixel rgb(96, 161, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(96, 161,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3096, 0.2632, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 161, 154) }
```

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

```
.background{ background-color: rgb(96, 161,  
154) }
```

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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