

Converting Colors

$Yxy(30.4161, 0.2621, 0.3342)$

Have a look what the booklet for
Yxy(30.4161, 0.2621, 0.3342)
contains.

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Color

Yxy(30.5550, 0.2618, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	62A19E
RGB	98, 161, 158
RGB Percent	38%, 63%, 62%
CMY	0.6158, 0.3686, 0.3804
CMYK	0.39, 0.00, 0.02, 0.37
HSL	177°, 25%, 51%
HSV	177°, 39%, 63%
XYZ	23.9500, 30.5550, 36.9770
YIQ	141.8210, -36.5850, -14.2890

Conversions

Conversions Part 2

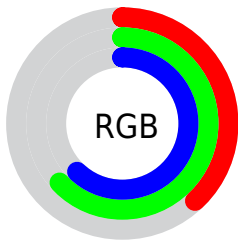
Format	Color
RYB	98, 130, 161
Decimal	6463902
CIELab	62.13, -20.96, -4.83
CIElCh	62, 21.507, 192.976
Yxy	30.5550, 0.2618, 0.3340
Android (android.graphics.Color)	4284653982 (0xFF62A19E)
YUV	141.8210, 7.9762, -38.4310
Hunter-Lab	55.2766, -19.3943, -0.9682

Details

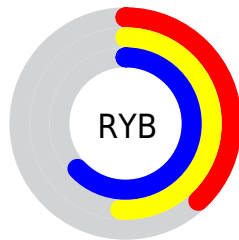
The Yxy color **30.5550, 0.2618, 0.3340** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2475, 0.4027, 0.3244**, and the grayscale version is **26.9523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5912, 0.2718, 0.3327**, and **12.5567, 0.2447, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **29.7227, 0.2519, 0.3355**, and if you desaturate by 10%, it is **31.5701, 0.2732, 0.3326**.

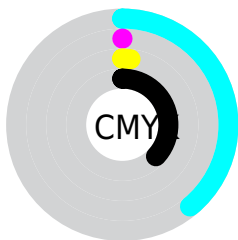
Distribution



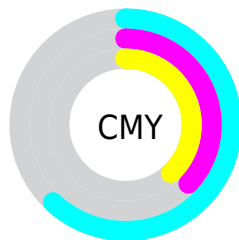
- Red (38%)
- Green (63%)
- Blue (62%)



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



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)





- Cyan (62%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5550, 0.2618, 0.3340 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 30.5550, 0.2618, 0.3340 by changing the saturation by 10% instead.


 30.5550, 0.2618,
0.3340

 30.5550, 0.2618,
0.3340


304.4829, 0.2887,
0.3317


 20.2602, 0.2546,
0.3345

 60.5388, 0.2719,
0.3332


 12.5843, 0.2450,
0.3350


 80.9966, 0.2756,
0.3329

 7.1430, 0.2317,
0.3355


 105.6108, 0.2787,
0.3327

 3.5517, 0.2120,
0.3358

 134.7660, 0.2813,
0.3324

 1.4261, 0.1797,
0.3351

168.8463, 0.2836,
0.3322

 0.2358, 0.0000,
0.2840

208.2364, 0.2855,

 0.0000, 0.0000,

0.3320

0.0000

253.3204, 0.2872,
0.3319

■ 30.5550, 0.2618,
0.3340

■ 30.5550, 0.2618,
0.3340

■ 29.7227, 0.2519,
0.3355

■ 31.5701, 0.2732,
0.3326

■ 29.0586, 0.2437,
0.3370

■ 32.7742, 0.2859,
0.3313

■ 28.5519, 0.2374,
0.3386


■ 34.1778, 0.2996,
0.3300

■ 28.1889, 0.2329,
0.3401


■ 35.7895, 0.3140,
0.3289

■ 27.9538, 0.2301,
0.3417


■ 37.6175, 0.3288,
0.3279

 27.8135, 0.2288,
0.3432

 39.6694, 0.3439,
0.3270

 27.8025, 0.2287,
0.3433

 41.9526, 0.3589,
0.3262

 44.4741, 0.3738,
0.3255

 47.2404, 0.3883,
0.3249

Harmonies

Analogous

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



30.5550, 0.2882, 0.3663



30.5550, 0.2618, 0.3340



30.5550, 0.2489, 0.3023

Triad

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



30.5550, 0.2618, 0.3340



30.5550, 0.3003, 0.2780



30.5550, 0.3767, 0.3749

Complementary

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



30.5550, 0.2618, 0.3340



17.2475, 0.4027, 0.3244

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.



30.5550, 0.3810, 0.3496



30.5550, 0.2618, 0.3340



30.5550, 0.3355, 0.2955

Square

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



30.5550, 0.2618, 0.3340



30.5550, 0.2701, 0.2723



30.5550, 0.3657, 0.3210



30.5550, 0.3547, 0.3897

Rectangle

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



30.5550, 0.2618, 0.3340



30.5550, 0.2491, 0.2863



30.5550, 0.3657, 0.3210



30.5550, 0.3804, 0.3673

Sweetspot

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



30.5562, 0.2618, 0.3340



60.3904, 0.2953, 0.3304



29.1481, 0.3100, 0.4445



13.1774, 0.2936, 0.3305



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.



30.5562, 0.2618, 0.3340



53.3964, 0.2531, 0.3353



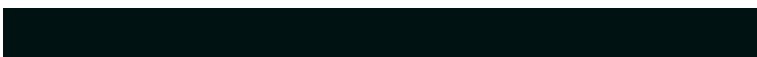
21.8459, 0.2522, 0.2781



8.0054, 0.2994, 0.3301



22.2040, 0.2287, 0.3432



0.4682, 0.2271, 0.3376

Inverse Universe

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



17.2475, 0.4027, 0.3244



26.1503, 0.4343, 0.3235



23.4678, 0.3895, 0.3745



7.0912, 0.3278, 0.3280



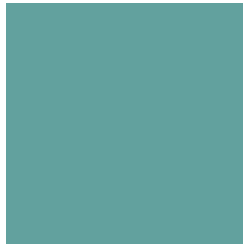
6.0669, 0.6334, 0.3263



0.1290, 0.6033, 0.3097

Previews

White Background



This preview shows how the Yxy color 30.5550, 0.2618, 0.3340 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 30.5550, 0.2618, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

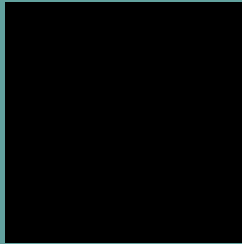
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5550, 0.2618, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 30.5550, 0.2618, 0.3340.



This preview shows how white text looks on a background with the Yxy color 30.5550, 0.2618, 0.3340.

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

30.5550, 0.2618, 0.3340

Protanopia

30.4047, 0.3139, 0.3259

Deuteranopia

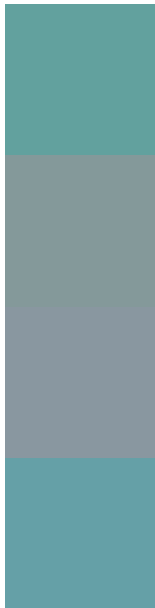
30.1949, 0.3118, 0.3051



Tritanopia

30.5996, 0.2544, 0.3075

Trichromacy



Original Color

30.5550, 0.2618, 0.3340

Protanomaly

30.0211, 0.2915, 0.3273

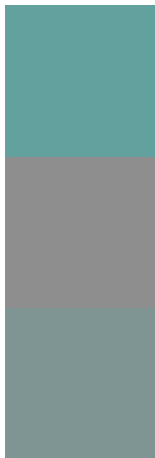
Deuteranomaly

29.9896, 0.2909, 0.3147

Tritanomaly

30.6983, 0.2574, 0.3172

Monochromacy



Original Color

30.5550, 0.2618, 0.3340

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

28.0686, 0.2909, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5550, 0.2618, 0.3340 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, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(98, 161, 158)  
}
```

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, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 161, 158) }
```

Border

The CSS property to change the border of an element to Yxy 30.5550, 0.2618, 0.3340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

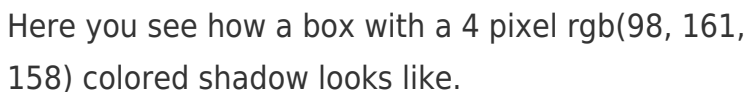
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 161, 158) }
```

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

```
.border{ border-color:rgb(98, 161, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 161, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 161, 158); box-shadow:4px 4px 4px 4px rgb(98, 161, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5550, 0.2618, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 161, 158) }
```

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

```
.background{ background-color: rgb(98, 161,  
158) }
```

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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