

Converting Colors

$Yxy(31.6777, 0.2595, 0.3255)$

Have a look what the booklet for
Yxy(31.6777, 0.2595, 0.3255)
contains.

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Color

Yxy(31.6777, 0.2595, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	65A3A5
RGB	101, 163, 165
RGB Percent	40%, 64%, 65%
CMY	0.6040, 0.3608, 0.3529
CMYK	0.39, 0.01, 0.00, 0.35
HSL	182°, 26%, 52%
HSV	182°, 39%, 65%
XYZ	25.2546, 31.6777, 40.3879
YIQ	144.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

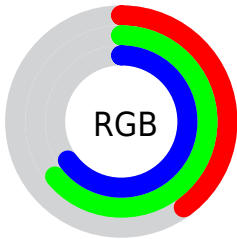
Format	Color
RYB	101, 132, 165
Decimal	6661029
CIELab	63.08, -19.40, -7.36
CIElCh	63, 20.751, 200.786
Yxy	31.6777, 0.2595, 0.3255
Android (android.graphics.Color)	4284851109 (0xFF65A3A5)
YUV	144.6900, 10.0128, -38.3161
Hunter-Lab	56.2829, -18.4009, -3.1476

Details

The Yxy color **31.6777, 0.2595, 0.3255** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6384, 0.4052, 0.3325**, and the grayscale version is **28.1521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2787, 0.2700, 0.3264**, and **13.1895, 0.2427, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **30.6368, 0.2489, 0.3245**, and if you desaturate by 10%, it is **32.9131, 0.2716, 0.3265**.

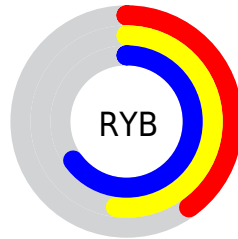
Distribution



Red (40%)

Green (64%)

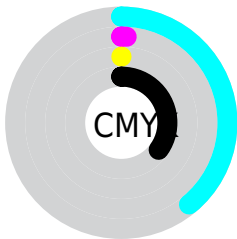
Blue (65%)



Red (40%)

Yellow (52%)

Blue (65%)

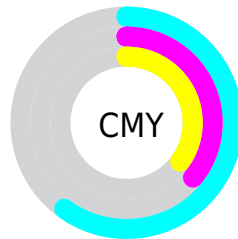


Cyan (39%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6777, 0.2595, 0.3255 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 31.6777, 0.2595, 0.3255 by changing the saturation by 10% instead.

 31.6777, 0.2595,
0.3255


 31.6777, 0.2595,
0.3255


309.6484, 0.2874,
0.3279


 21.1154, 0.2521,
0.3247


 62.3055, 0.2699,
0.3265

 13.2084, 0.2424,
0.3234


 83.1398, 0.2738,
0.3269

 7.5722, 0.2289,
0.3215


 108.1669, 0.2770,
0.3271

 3.8225, 0.2094,
0.3180

 137.7712, 0.2797,
0.3273

 1.5748, 0.1784,
0.3109

172.3372, 0.2820,
0.3275

 0.3405, 0.0000,
0.2777

212.2491, 0.2841,

 0.0000, 0.0000,

0.3276

0.0000

257.8914, 0.2858,
0.3278

■ 31.6777, 0.2595,
0.3255

■ 31.6777, 0.2595,
0.3255

■ 30.6368, 0.2489,
0.3245

■ 32.9131, 0.2716,
0.3265

■ 29.7750, 0.2400,
0.3235

■ 34.3498, 0.2850,
0.3274

■ 29.0810, 0.2329,
0.3224

■ 35.9989, 0.2994,
0.3283

■ 28.5403, 0.2277,
0.3214

■ 37.8694, 0.3145,
0.3291

■ 28.1360, 0.2242,
0.3204

■ 39.9700, 0.3301,
0.3298

■ 27.8357, 0.2222,
0.3194

■ 42.3088, 0.3458,
0.3305

■ 27.8016, 0.2220,
0.3192

■ 44.8937, 0.3614,
0.3311

■ 47.7319, 0.3768,
0.3316

■ 50.8306, 0.3918,
0.3321

Harmonies

Analogous

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



31.6777, 0.2818, 0.3571



31.6777, 0.2595, 0.3255



31.6777, 0.2510, 0.2971

Triad

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



31.6777, 0.2595, 0.3255



31.6777, 0.3096, 0.2836



31.6777, 0.3697, 0.3778

Complementary

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



31.6777, 0.2595, 0.3255



18.6384, 0.4052, 0.3325

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.



31.6777, 0.3786, 0.3556



31.6777, 0.2595, 0.3255



31.6777, 0.3428, 0.3028

Square

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



31.6777, 0.2595, 0.3255



31.6777, 0.2787, 0.2750



31.6777, 0.3687, 0.3285



31.6777, 0.3454, 0.3880

Rectangle

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



31.6777, 0.2595, 0.3255



31.6777, 0.2539, 0.2838



31.6777, 0.3687, 0.3285



31.6777, 0.3747, 0.3714

Sweetspot

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



31.6789, 0.2595, 0.3255



63.4061, 0.2944, 0.3280



30.6417, 0.3065, 0.4425



13.7827, 0.2927, 0.3279



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.



31.6789, 0.2595, 0.3255



55.0188, 0.2498, 0.3246



21.9661, 0.2514, 0.2707



7.9729, 0.2988, 0.3282



21.0419, 0.2220, 0.3193



0.4531, 0.2231, 0.3230

Inverse Universe

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



19.9487, 0.3195, 0.2380



30.9593, 0.3212, 0.2185



26.0082, 0.3863, 0.3805



7.1983, 0.3142, 0.3075



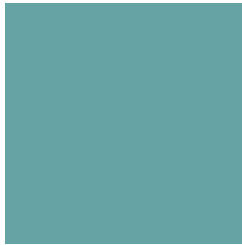
7.9683, 0.3288, 0.1585



0.1685, 0.3257, 0.1568

Previews

White Background



This preview shows how the Yxy color 31.6777, 0.2595, 0.3255 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 31.6777, 0.2595, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

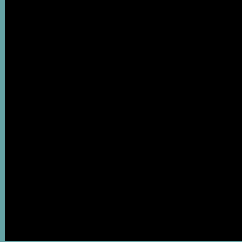
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6777, 0.2595, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 31.6777, 0.2595, 0.3255.

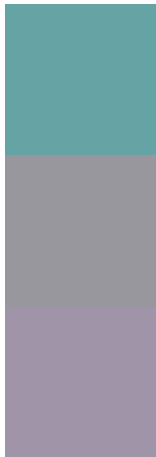


This preview shows how white text looks on a background with the Yxy color 31.6777, 0.2595, 0.3255.

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

31.6777, 0.2595, 0.3255

Protanopia

31.3741, 0.3082, 0.3184

Deuteranopia

31.3779, 0.3051, 0.2995



Tritanopia

31.8789, 0.2546, 0.3078

Trichromacy



Original Color

31.6777, 0.2595, 0.3255

Protanomaly

31.0842, 0.2876, 0.3194

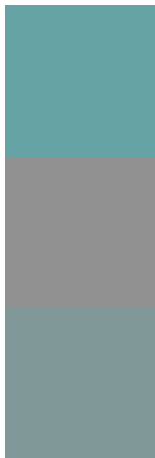
Deuteranomaly

30.9758, 0.2861, 0.3072

Tritanomaly

31.6645, 0.2566, 0.3141

Monochromacy



Original Color

31.6777, 0.2595, 0.3255

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.3906, 0.2904, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6777, 0.2595, 0.3255 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(101, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(101, 163, 165)  
}
```

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(101, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 163, 165) }
```

Border

The CSS property to change the border of an element to Yxy 31.6777, 0.2595, 0.3255 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(101, 163, 165) }
```

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

```
.border{ border-color:rgb(101, 163, 165) }
```

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

Here you see how a box with a 4 pixel rgb(101, 163, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(101, 163,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6777, 0.2595, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 163, 165) }
```

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

```
.background{ background-color: rgb(101,  
163, 165) }
```

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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