

Converting Colors

$Yxy(30.4472, 0.2609, 0.3430)$

Have a look what the booklet for
Yxy(30.4472, 0.2609, 0.3430)
contains.

Yxy(30.4491, 0.2608, 0.3427)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.4491, 0.2608, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	5CA29A
RGB	92, 162, 154
RGB Percent	36%, 64%, 60%
CMY	0.6389, 0.3647, 0.3961
CMYK	0.43, 0.00, 0.05, 0.36
HSL	173°, 28%, 50%
HSV	173°, 43%, 64%
XYZ	23.1722, 30.4491, 35.2293
YIQ	140.1580, -39.1520, -17.3280

Conversions

Conversions Part 2

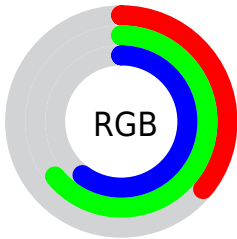
Format	Color
RYB	92, 129, 162
Decimal	6070938
CIELab	62.04, -24.02, -2.75
CIELCh	62, 24.182, 186.532
Yxy	30.4491, 0.2608, 0.3427
Android (android.graphics.Color)	4284261018 (0xFF5CA29A)
YUV	140.1580, 6.8241, -42.2346
Hunter-Lab	55.1807, -21.6081, 0.7737

Details

The Yxy color **30.4491, 0.2608, 0.3427** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.2690, 0.4092, 0.3165**, and the grayscale version is **26.2816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2908, 0.2713, 0.3404**, and **12.5244, 0.2434, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **29.6414, 0.2521, 0.3464**, and if you desaturate by 10%, it is **31.4386, 0.2710, 0.3392**.

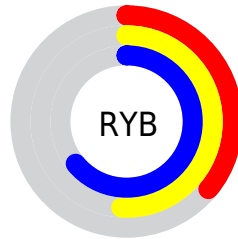
Distribution



Red (36%)

Green (64%)

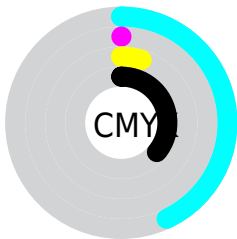
Blue (60%)



Red (36%)

Yellow (51%)

Blue (64%)

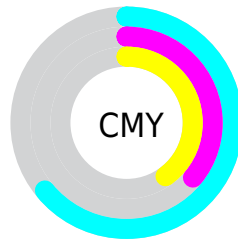


Cyan (43%)

Magenta (0%)

Yellow (5%)

Black (36%)



Cyan (64%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4491, 0.2608, 0.3427 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 30.4491, 0.2608, 0.3427 by changing the saturation by 10% instead.


 30.4491, 0.2608,
0.3427

 30.4491, 0.2608,
0.3427


303.9922, 0.2883,
0.3357

 20.1797, 0.2534,
0.3445


 60.3717, 0.2712,
0.3401


 12.5257, 0.2435,
0.3468


 80.7937, 0.2750,
0.3391

 7.1028, 0.2298,
0.3500


 105.3687, 0.2781,
0.3383

 3.5265, 0.2093,
0.3543

 134.4810, 0.2808,
0.3376

 1.4124, 0.1741,
0.3614

168.5152, 0.2831,
0.3370

 0.2258, 0.0000,
0.3401

207.8555, 0.2851,

 0.0000, 0.0000,

0.3365

0.0000

252.8864, 0.2868,
0.3361

■ 30.4491, 0.2608,
0.3427

■ 30.4491, 0.2608,
0.3427

■ 29.6414, 0.2521,
0.3464

■ 31.4386, 0.2710,
0.3392

■ 29.0003, 0.2451,
0.3502

■ 32.6168, 0.2826,
0.3358

■ 28.5144, 0.2399,
0.3541


■ 33.9945, 0.2951,
0.3327


■ 28.1688, 0.2366,
0.3580

■ 35.5807, 0.3084,
0.3298

■ 27.9463, 0.2350,
0.3619


■ 37.3838, 0.3222,
0.3273

 27.8358, 0.2346,
0.3645

 39.4118, 0.3362,
0.3249

 41.6723, 0.3502,
0.3229

 44.1726, 0.3640,
0.3211

 46.9194, 0.3776,
0.3195

Harmonies

Analogous

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



30.4491, 0.2927, 0.3779



30.4491, 0.2608, 0.3427



30.4491, 0.2430, 0.3056

Triad

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



30.4491, 0.2608, 0.3427



30.4491, 0.2905, 0.2696



30.4491, 0.3876, 0.3747

Complementary

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



30.4491, 0.2608, 0.3427



16.2690, 0.4092, 0.3165

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.



30.4491, 0.3878, 0.3448



30.4491, 0.2608, 0.3427



30.4491, 0.3298, 0.2865

Square

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



30.4491, 0.2608, 0.3427



30.4491, 0.2593, 0.2662



30.4491, 0.3662, 0.3132



30.4491, 0.3664, 0.3951

Rectangle

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



30.4491, 0.2608, 0.3427



30.4491, 0.2407, 0.2859



30.4491, 0.3662, 0.3132



30.4491, 0.3902, 0.3654

Sweetspot

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



30.4503, 0.2608, 0.3427



61.6983, 0.2950, 0.3327



29.3345, 0.3136, 0.4568



13.7310, 0.2923, 0.3334



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.



30.4503, 0.2608, 0.3427



53.8402, 0.2522, 0.3463



22.2686, 0.2474, 0.2807



7.9973, 0.3002, 0.3316



21.9361, 0.2345, 0.3642



0.4646, 0.2306, 0.3501

Inverse Universe

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



16.2690, 0.4092, 0.3165



24.5865, 0.4447, 0.3141



21.6187, 0.4029, 0.3720



7.0985, 0.3268, 0.3265



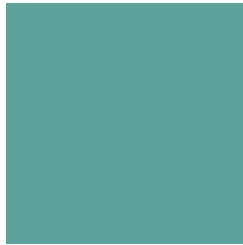
6.0908, 0.6232, 0.3207



0.1316, 0.5607, 0.2862

Previews

White Background



This preview shows how the Yxy color 30.4491, 0.2608, 0.3427 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 30.4491, 0.2608, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

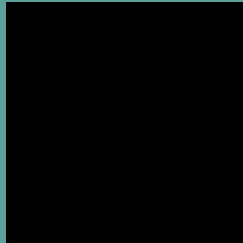
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4491, 0.2608, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 30.4491, 0.2608, 0.3427.

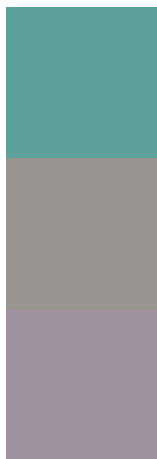


This preview shows how white text looks on a background with the Yxy color 30.4491, 0.2608, 0.3427.

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

30.4491, 0.2608, 0.3427

Protanopia

29.9305, 0.3188, 0.3321

Deuteranopia

30.1930, 0.3157, 0.3095



Tritanopia

30.3162, 0.2511, 0.3073

Trichromacy



Original Color

30.4491, 0.2608, 0.3427

Protanomaly

29.6982, 0.2940, 0.3355

Deuteranomaly

29.7184, 0.2917, 0.3193

Tritanomaly

30.2911, 0.2547, 0.3204

Monochromacy



Original Color

30.4491, 0.2608, 0.3427

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.4351, 0.2906, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4491, 0.2608, 0.3427 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(92, 162, 154)` looks like.

```
.text, #text, p{  
    color:rgb(92, 162, 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(92, 162, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 162, 154) }
```

Border

The CSS property to change the border of an element to Yxy 30.4491, 0.2608, 0.3427 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(92, 162, 154) }
```

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

```
.border{ border-color:rgb(92, 162, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 162, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 162, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 162, 154);  
box-shadow:4px 4px 4px 4px rgb(92, 162,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4491, 0.2608, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 162, 154) }
```

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

```
.background{ background-color: rgb(92, 162,  
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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