

Converting Colors

$Y_{xy}(29.6730, 0.2482, 0.3074)$

Have a look what the booklet for
Yxy(29.6730, 0.2482, 0.3074)
contains.

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Color

$Y_{xy}(29.6693, 0.2482, 0.3070)$

Conversions

Conversions Part 1

Format	Color
Hex	5C9EAB
RGB	92, 158, 171
RGB Percent	36%, 62%, 67%
CMY	0.6394, 0.3803, 0.3294
CMYK	0.46, 0.08, 0.00, 0.33
HSL	190°, 32%, 52%
HSV	190°, 46%, 67%
XYZ	23.9867, 29.6693, 42.9867
YIQ	139.7480, -43.5090, -9.9490

Conversions

Conversions Part 2

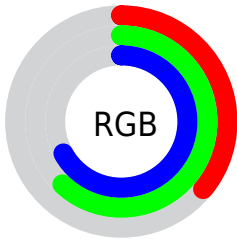
Format	Color
R_{YB}	92, 128, 171
Decimal	6069931
CIE _{Lab}	61.37, -17.51, -13.33
CIE _{LCh}	61, 22.005, 217.273
Yxy	29.6693, 0.2482, 0.3070
Android (android.graphics.Color)	4284260011 (0xFF5C9EAB)
YUV	139.7480, 15.4072, -41.8750
Hunter-Lab	54.4695, -16.7158, -8.6622

Details

The Yxy color **29.6693, 0.2482, 0.3070** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5186, 0.4251, 0.3491**, and the grayscale version is **26.0706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2825, 0.2613, 0.3126**, and **11.9973, 0.2268, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **27.9402, 0.2373, 0.3014**, and if you desaturate by 10%, it is **31.6212, 0.2605, 0.3124**.

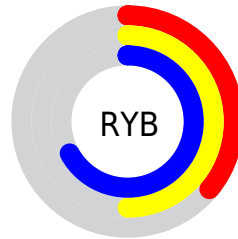
Distribution



Red (36%)

Green (62%)

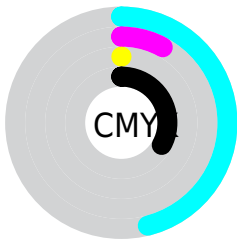
Blue (67%)



Red (36%)

Yellow (50%)

Blue (67%)

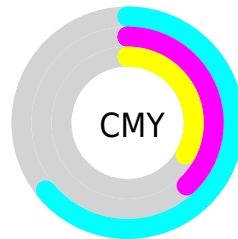


Cyan (46%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (64%)

Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.6693, 0.2482, 0.3070 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 29.6693, 0.2482, 0.3070 by changing the saturation by 10% instead.

 29.6693, 0.2482,
0.3070


 29.6693, 0.2482,
0.3070


300.3599, 0.2821,
0.3195

 19.5877, 0.2392,
0.3033


 59.1388, 0.2609,
0.3119

 12.0957, 0.2274,
0.2982


 79.2955, 0.2656,
0.3137

 6.8089, 0.2111,
0.2907


 103.5794, 0.2695,
0.3151

 3.3429, 0.1876,
0.2788

 132.3748, 0.2728,
0.3163

 1.3132, 0.1508,
0.2576

166.0662, 0.2756,
0.3173

 0.1514, 0.0000,
0.1207

205.0379, 0.2781,

 0.0000, 0.0000,

0.3181

0.0000

249.6743, 0.2802,
0.3189

■ 29.6693, 0.2482,
0.3070

■ 29.6693, 0.2482,
0.3070

■ 27.9402, 0.2373,
0.3014

■ 31.6212, 0.2605,
0.3124

■ 26.4170, 0.2280,
0.2957

■ 33.8051, 0.2740,
0.3174

■ 25.0852, 0.2206,
0.2899

■ 36.2334, 0.2884,
0.3221

■ 23.9272, 0.2151,
0.2841

■ 38.9167, 0.3033,
0.3265

■ 22.9190, 0.2113,
0.2783

■ 41.8652, 0.3185,
0.3305

■ 22.5577, 0.2100,
0.2761

■ 45.0880, 0.3337,
0.3340

■ 48.5943, 0.3487,
0.3372

■ 52.3923, 0.3635,
0.3400

■ 56.4903, 0.3777,
0.3425

Harmonies

Analogous

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



29.6693, 0.2644, 0.3408



29.6693, 0.2482, 0.3070



29.6693, 0.2481, 0.2821

Triad

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



29.6693, 0.2482, 0.3070



29.6693, 0.3294, 0.2902



29.6693, 0.3615, 0.3900

Complementary

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



29.6693, 0.2482, 0.3070



19.5186, 0.4251, 0.3491

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.



29.6693, 0.3812, 0.3719



29.6693, 0.2482, 0.3070



29.6693, 0.3625, 0.3153

Square

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



29.6693, 0.2482, 0.3070



29.6693, 0.2933, 0.2743



29.6693, 0.3818, 0.3446



29.6693, 0.3292, 0.3914

Rectangle

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



29.6693, 0.2482, 0.3070



29.6693, 0.2571, 0.2731



29.6693, 0.3818, 0.3446



29.6693, 0.3699, 0.3855

Sweetspot

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



29.6704, 0.2482, 0.3070



65.8115, 0.2913, 0.3230



32.3916, 0.2980, 0.4498



14.4597, 0.2882, 0.3221



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.6704, 0.2482, 0.3070



50.1176, 0.2375, 0.3016



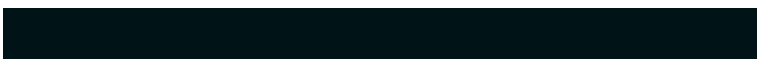
18.5536, 0.2359, 0.2375



8.8447, 0.2986, 0.3252



17.0719, 0.2102, 0.2767



0.5335, 0.2150, 0.2941

Inverse Universe

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



18.7721, 0.3343, 0.2343



28.8434, 0.3402, 0.2168



29.1727, 0.3971, 0.4051



8.1251, 0.3162, 0.3103



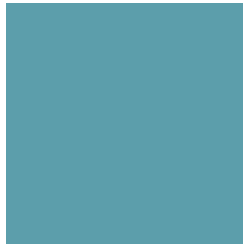
8.0265, 0.3665, 0.1793



0.2292, 0.3506, 0.1705

Previews

White Background



This preview shows how the Yxy color 29.6693, 0.2482, 0.3070 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6693, 0.2482, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

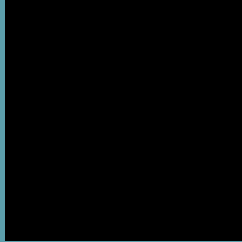
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6693, 0.2482, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 29.6693, 0.2482, 0.3070.



This preview shows how white text looks on a background with the Yxy color 29.6693, 0.2482, 0.3070.

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

29.6693, 0.2482, 0.3070

Protanopia

29.2578, 0.2949, 0.3011

Deuteranopia

29.3921, 0.2898, 0.2839



Tritanopia

29.6693, 0.2482, 0.3070

Trichromacy



Original Color

29.6693, 0.2482, 0.3070

Protanomaly

29.0383, 0.2751, 0.3016

Deuteranomaly

29.1012, 0.2719, 0.2910

Tritanomaly

29.6693, 0.2482, 0.3070

Monochromacy



Original Color

29.6693, 0.2482, 0.3070

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.3128, 0.2853, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6693, 0.2482, 0.3070 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, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(92, 158, 171)  
}
```

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, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 158, 171) }
```

Border

The CSS property to change the border of an element to Yxy 29.6693, 0.2482, 0.3070 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, 158, 171) }
```

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

```
.border{ border-color:rgb(92, 158, 171) }
```

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

Here you see how a box with a 4 pixel rgb(92, 158, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(92, 158,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6693, 0.2482, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 158, 171) }
```

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

```
.background{ background-color: rgb(92, 158,  
171) }
```

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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