

Converting Colors

$Y_{xy}(28.6773, 0.2550, 0.3202)$

Have a look what the booklet for
Yxy(28.6773, 0.2550, 0.3202)
contains.

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Color

$Y_{xy}(28.6773, 0.2550, 0.3202)$

Conversions

Conversions Part 1

Format	Color
Hex	5D9CA1
RGB	93, 156, 161
RGB Percent	36%, 61%, 63%
CMY	0.6351, 0.3882, 0.3687
CMYK	0.42, 0.03, 0.00, 0.37
HSL	184°, 27%, 50%
HSV	184°, 42%, 63%
XYZ	22.8379, 28.6773, 38.0453
YIQ	137.7330, -39.1530, -11.8010

Conversions

Conversions Part 2

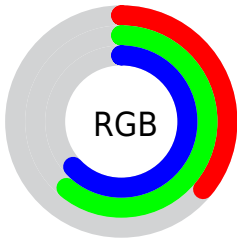
Format	Color
R_{YB}	93, 126, 161
Decimal	6134945
CIE _{Lab}	60.50, -18.88, -8.98
CIE _{LCh}	60, 20.905, 205.434
Yxy	28.6773, 0.2550, 0.3202
Android (android.graphics.Color)	4284325025 (0xFF5D9CA1)
YUV	137.7330, 11.4706, -39.2308
Hunter-Lab	53.5512, -17.5898, -4.6366

Details

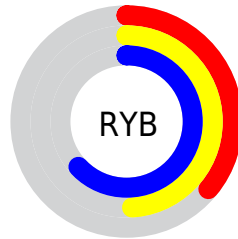
The Yxy color **28.6773, 0.2550, 0.3202** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.1093, 0.4150, 0.3374**, and the grayscale version is **25.2791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7494, 0.2665, 0.3225**, and **11.6603, 0.2358, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **27.5293, 0.2445, 0.3178**, and if you desaturate by 10%, it is **30.0083, 0.2670, 0.3225**.

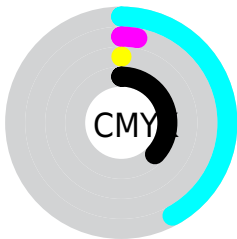
Distribution



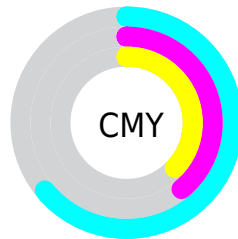
- Red (36%)
- Green (61%)
- Blue (63%)



- Red (36%)
- Yellow (49%)
- Blue (63%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6773, 0.2550, 0.3202 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 28.6773, 0.2550, 0.3202 by changing the saturation by 10% instead.


 28.6773, 0.2550,
0.3202


 28.6773, 0.2550,
0.3202


295.6893, 0.2857,
0.3256

 18.8368, 0.2467,
0.3185


 57.5640, 0.2666,
0.3224

 11.5524, 0.2358,
0.3160


 77.3790, 0.2708,
0.3232

 6.4397, 0.2205,
0.3122


 101.2876, 0.2743,
0.3238

 3.1143, 0.1979,
0.3056

 129.6743, 0.2773,
0.3243

 1.1917, 0.1586,
0.2937

162.9234, 0.2798,
0.3247

 0.0549, 0.0000,
0.0739

201.4194, 0.2820,

 0.0000, 0.0000,

0.3250

0.0000

245.5465, 0.2840,
0.3253

■ 28.6773, 0.2550,
0.3202

■ 28.6773, 0.2550,
0.3202

■ 27.5293, 0.2445,
0.3178

■ 30.0083, 0.2670,
0.3225

■ 26.5498, 0.2357,
0.3154

■ 31.5291, 0.2802,
0.3247

■ 25.7273, 0.2287,
0.3129

■ 33.2503, 0.2945,
0.3267

■ 25.0476, 0.2236,
0.3104

■ 35.1808, 0.3094,
0.3286

■ 24.4939, 0.2202,
0.3080

■ 37.3288, 0.3247,
0.3303

■ 24.1184, 0.2184,
0.3061

■ 39.7021, 0.3402,
0.3319

■ 42.3082, 0.3556,
0.3333

■ 45.1541, 0.3707,
0.3345

■ 48.2466, 0.3855,
0.3356

Harmonies

Analogous

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



28.6773, 0.2762, 0.3534



28.6773, 0.2550, 0.3202



28.6773, 0.2486, 0.2920

Triad

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



28.6773, 0.2550, 0.3202



28.6773, 0.3148, 0.2843



28.6773, 0.3690, 0.3824

Complementary

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



28.6773, 0.2550, 0.3202



17.1093, 0.4150, 0.3374

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.



28.6773, 0.3812, 0.3607



28.6773, 0.2550, 0.3202



28.6773, 0.3490, 0.3055

Square

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



28.6773, 0.2550, 0.3202



28.6773, 0.2817, 0.2735



28.6773, 0.3739, 0.3328



28.6773, 0.3418, 0.3906

Rectangle

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



28.6773, 0.2550, 0.3202



28.6773, 0.2532, 0.2796



28.6773, 0.3739, 0.3328



28.6773, 0.3751, 0.3763

Sweetspot

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



28.6784, 0.2550, 0.3202



59.2186, 0.2929, 0.3265



28.6899, 0.3034, 0.4476



12.8411, 0.2899, 0.3261



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.



28.6784, 0.2550, 0.3202



49.3560, 0.2447, 0.3179



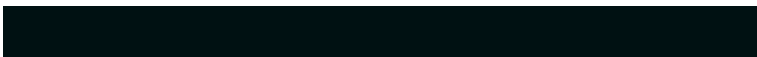
18.9412, 0.2450, 0.2583



7.9217, 0.2988, 0.3273



19.2906, 0.2184, 0.3063



0.4299, 0.2209, 0.3151

Inverse Universe

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



17.8125, 0.3238, 0.2343



27.3925, 0.3268, 0.2147



24.7471, 0.3919, 0.3901



7.1932, 0.3148, 0.3084



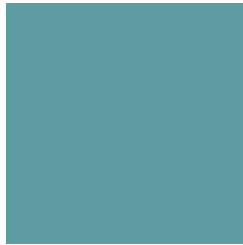
7.7915, 0.3399, 0.1646



0.1662, 0.3323, 0.1604

Previews

White Background



This preview shows how the Yxy color 28.6773, 0.2550, 0.3202 looks on a white background.

Color Contrast Check

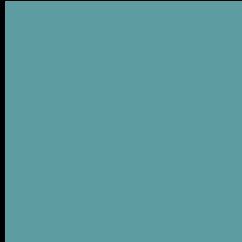
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6773, 0.2550, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

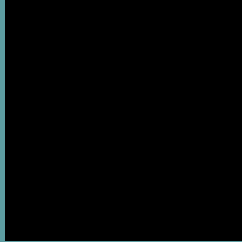
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6773, 0.2550, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 28.6773, 0.2550, 0.3202.

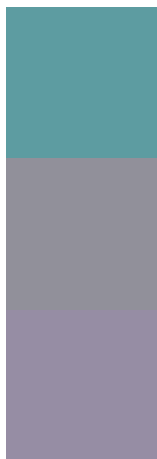


This preview shows how white text looks on a background with the Yxy color 28.6773, 0.2550, 0.3202.

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

28.6773, 0.2550, 0.3202

Protanopia

28.2994, 0.3041, 0.3132

Deuteranopia

28.2141, 0.2998, 0.2937



Tritanopia

28.6656, 0.2519, 0.3084

Trichromacy



Original Color

28.6773, 0.2550, 0.3202

Protanomaly

28.0498, 0.2831, 0.3141

Deuteranomaly

27.8692, 0.2805, 0.3014

Tritanomaly

28.5390, 0.2526, 0.3117

Monochromacy



Original Color

28.6773, 0.2550, 0.3202

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.4637, 0.2886, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6773, 0.2550, 0.3202 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(93, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(93, 156, 161)  
}
```

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(93, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 156, 161) }
```

Border

The CSS property to change the border of an element to Yxy 28.6773, 0.2550, 0.3202 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(93, 156, 161) }
```

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

```
.border{ border-color:rgb(93, 156, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 156, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 156, 161);  
box-shadow:4px 4px 4px 4px rgb(93, 156,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6773, 0.2550, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 156, 161) }
```

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

```
.background{ background-color: rgb(93, 156,  
161) }
```

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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