

Converting Colors

$Y_{xy}(23.5990, 0.2581, 0.3111)$

Have a look what the booklet for
Yxy(23.5990, 0.2581, 0.3111)
contains.

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Color

Yxy(23.6113, 0.2581, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	5D8D97
RGB	93, 141, 151
RGB Percent	36%, 55%, 59%
CMY	0.6352, 0.4471, 0.4078
CMYK	0.38, 0.07, 0.00, 0.41
HSL	190°, 24%, 48%
HSV	190°, 38%, 59%
XYZ	19.6267, 23.6113, 32.8049
YIQ	127.7880, -31.8180, -7.0660

Conversions

Conversions Part 2

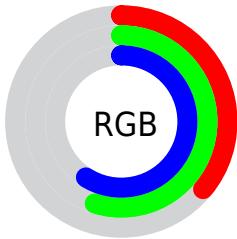
Format	Color
R_{YB}	93, 119, 151
Decimal	6131095
CIE _{Lab}	55.70, -13.50, -10.46
CIE _{LCh}	56, 17.083, 217.769
Yxy	23.6113, 0.2581, 0.3105
Android (android.graphics.Color)	4284321175 (0xFF5D8D97)
YUV	127.7880, 11.4435, -30.5091
Hunter-Lab	48.5915, -12.9368, -6.0136

Details

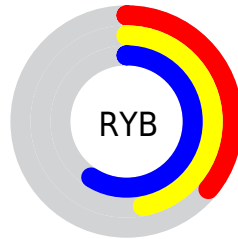
The Yxy color **23.6113, 0.2581, 0.3105** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.0768, 0.3975, 0.3464**, and the grayscale version is **21.4788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5490, 0.2699, 0.3155**, and **8.8945, 0.2388, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **22.1406, 0.2460, 0.3049**, and if you desaturate by 10%, it is **25.2575, 0.2713, 0.3158**.

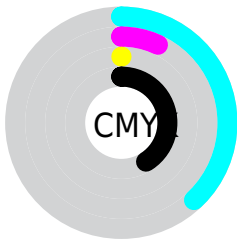
Distribution



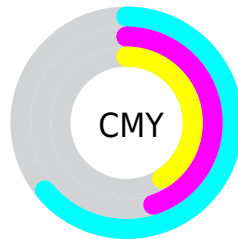
- Red (36%)
- Green (55%)
- Blue (59%)



- Red (36%)
- Yellow (47%)
- Blue (59%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)





- Cyan (64%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6113, 0.2581, 0.3105 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 23.6113, 0.2581, 0.3105 by changing the saturation by 10% instead.


 23.6113, 0.2581,
0.3105


 23.6113, 0.2581,
0.3105


270.8494, 0.2880,
0.3213


 15.0455, 0.2497,
0.3072


 49.3952, 0.2696,
0.3149

 8.8513, 0.2383,
0.3024


 67.3820, 0.2738,
0.3164

 4.6443, 0.2219,
0.2951

 89.2781, 0.2772,
0.3176

 2.0401, 0.1966,
0.2827

 115.4676, 0.2800,
0.3186

 0.6306, 0.1127,
0.2635

146.3352, 0.2824,
0.3194

 0.0000, 0.0000,
0.0000

182.2651, 0.2845,

0.3201

223.6417, 0.2864,
0.3208

■ 23.6113, 0.2581,
0.3105

■ 23.6113, 0.2581,
0.3105

■ 22.1406, 0.2460,
0.3049

■ 25.2575, 0.2713,
0.3158

■ 20.8334, 0.2354,
0.2990

■ 27.0852, 0.2854,
0.3208

■ 19.6803, 0.2264,
0.2930

■ 29.1030, 0.3001,
0.3254

■ 18.6696, 0.2192,
0.2869

■ 31.3186, 0.3151,
0.3296

■ 17.7880, 0.2138,
0.2809

■ 33.7389, 0.3302,
0.3335

■ 17.0085, 0.2100,
0.2748

■ 36.3706, 0.3451,
0.3369

■ 16.8874, 0.2094,
0.2739

■ 39.2200, 0.3597,
0.3399

■ 42.2932, 0.3739,
0.3425

■ 45.5961, 0.3875,
0.3449

Harmonies

Analogous

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



23.6113, 0.2718, 0.3386



23.6113, 0.2581, 0.3105



23.6113, 0.2582, 0.2895

Triad

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



23.6113, 0.2581, 0.3105



23.6113, 0.3273, 0.2965



23.6113, 0.3534, 0.3803

Complementary

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



23.6113, 0.2581, 0.3105



17.0768, 0.3975, 0.3464

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.



23.6113, 0.3700, 0.3658



23.6113, 0.2581, 0.3105



23.6113, 0.3547, 0.3180

Square

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



23.6113, 0.2581, 0.3105



23.6113, 0.2970, 0.2828



23.6113, 0.3706, 0.3430



23.6113, 0.3263, 0.3807

Rectangle

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



23.6113, 0.2581, 0.3105



23.6113, 0.2661, 0.2817



23.6113, 0.3706, 0.3430



23.6113, 0.3605, 0.3768

Sweetspot

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



23.6122, 0.2581, 0.3105



50.6852, 0.2944, 0.3237



25.4373, 0.2995, 0.4228



11.4236, 0.2927, 0.3232



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



23.6122, 0.2581, 0.3105



40.0173, 0.2477, 0.3057



16.2280, 0.2500, 0.2546



6.8451, 0.2989, 0.3251



14.4009, 0.2095, 0.2742



0.2575, 0.2170, 0.3011

Inverse Universe

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



16.3350, 0.3304, 0.2511



25.4231, 0.3354, 0.2347



23.7864, 0.3795, 0.3933



6.3053, 0.3162, 0.3108



6.8591, 0.3688, 0.1805



0.1068, 0.3445, 0.1671

Previews

White Background



This preview shows how the Yxy color 23.6113, 0.2581, 0.3105 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 23.6113, 0.2581, 0.3105 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 23.6113, 0.2581, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 23.6113, 0.2581, 0.3105.



This preview shows how white text looks on a background with the Yxy color 23.6113, 0.2581, 0.3105.

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

23.6113, 0.2581, 0.3105

Protanopia

23.4524, 0.2993, 0.3068

Deuteranopia

23.4994, 0.2956, 0.2908



Tritanopia

23.6439, 0.2573, 0.3087

Trichromacy



Original Color

23.6113, 0.2581, 0.3105

Protanomaly

23.2861, 0.2829, 0.3078

Deuteranomaly

23.3103, 0.2802, 0.2977

Tritanomaly

23.6439, 0.2573, 0.3087

Monochromacy



Original Color

23.6113, 0.2581, 0.3105

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.1975, 0.2900, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6113, 0.2581, 0.3105 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, 141, 151)` looks like.

```
.text, #text, p{  
    color:rgb(93, 141, 151)  
}
```

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, 141, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 141, 151) }
```

Border

The CSS property to change the border of an element to Yxy 23.6113, 0.2581, 0.3105 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, 141, 151) }
```

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

```
.border{ border-color:rgb(93, 141, 151) }
```

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

Here you see how a box with a 4 pixel rgb(93, 141, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 141, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 141, 151);  
box-shadow:4px 4px 4px 4px rgb(93, 141,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6113, 0.2581, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 141, 151) }
```

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

```
.background{ background-color: rgb(93, 141,  
151) }
```

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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