

Converting Colors

$Y_{xy}(27.0277, 0.2512, 0.3013)$

Have a look what the booklet for
Yxy(27.0277, 0.2512, 0.3013)
contains.

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Color

Yxy(26.9988, 0.2512, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	5F96A6
RGB	95, 150, 166
RGB Percent	37%, 59%, 65%
CMY	0.6274, 0.4118, 0.3490
CMYK	0.43, 0.10, 0.00, 0.35
HSL	194°, 29%, 51%
HSV	194°, 43%, 65%
XYZ	22.5095, 26.9988, 40.0994
YIQ	135.3790, -37.9160, -6.6840

Conversions

Conversions Part 2

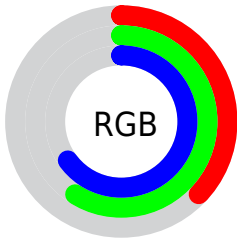
Format	Color
R _Y B	95, 126, 166
Decimal	6264486
CIE Lab	58.97, -13.81, -14.09
CIE LCh	59, 19.735, 225.576
Yxy	26.9988, 0.2512, 0.3013
Android (android.graphics.Color)	4284454566 (0xFF5F96A6)
YUV	135.3790, 15.0962, -35.4124
Hunter-Lab	51.9604, -13.6037, -9.3837

Details

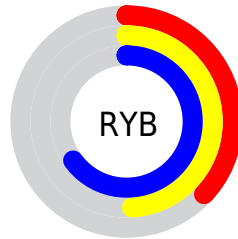
The Yxy color **26.9988, 0.2512, 0.3013** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3052, 0.4098, 0.3544**, and the grayscale version is **24.3318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7958, 0.2638, 0.3073**, and **10.6100, 0.2302, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **25.0284, 0.2391, 0.2936**, and if you desaturate by 10%, it is **29.1988, 0.2645, 0.3086**.

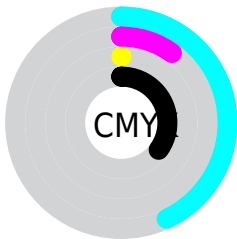
Distribution



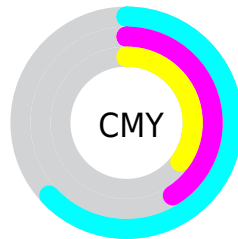
- Red (37%)
- Green (59%)
- Blue (65%)



- Red (37%)
- Yellow (49%)
- Blue (65%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)





- Cyan (63%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9988, 0.2512, 0.3013 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 26.9988, 0.2512, 0.3013 by changing the saturation by 10% instead.


 26.9988, 0.2512,
0.3013


 26.9988, 0.2512,
0.3013


287.6513, 0.2840,
0.3170


 17.5723, 0.2423,
0.2967


 54.8819, 0.2636,
0.3075


 10.6434, 0.2305,
0.2904


 74.1074, 0.2682,
0.3096

 5.8276, 0.2140,
0.2810

 97.3680, 0.2719,
0.3114

 2.7405, 0.1896,
0.2662

 125.0480, 0.2751,
0.3129

 0.9978, 0.1464,
0.2407

157.5320, 0.2778,
0.3141

 0.0000, 0.0000,
0.0000

195.2043, 0.2802,

0.3152

238.4493, 0.2822,
0.3161

■ 26.9988, 0.2512,
0.3013

■ 26.9988, 0.2512,
0.3013

■ 25.0284, 0.2391,
0.2936

■ 29.1988, 0.2645,
0.3086

■ 23.2721, 0.2284,
0.2857

■ 31.6368, 0.2787,
0.3154

■ 21.7169, 0.2195,
0.2775

■ 34.3242, 0.2935,
0.3217

■ 20.3469, 0.2124,
0.2693

■ 37.2711, 0.3085,
0.3275

■ 19.1435, 0.2072,
0.2612

■ 40.4866, 0.3236,
0.3327

■ 18.3450, 0.2043,
0.2553

■ 43.9795, 0.3385,
0.3374

■ 47.7582, 0.3531,
0.3416

■ 51.8307, 0.3672,
0.3452

■ 56.2045, 0.3807,
0.3484

Harmonies

Analogous

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



26.9988, 0.2623, 0.3310



26.9988, 0.2512, 0.3013



26.9988, 0.2554, 0.2813

Triad

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



26.9988, 0.2512, 0.3013



26.9988, 0.3374, 0.2988



26.9988, 0.3506, 0.3876

Complementary

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



26.9988, 0.2512, 0.3013



20.3052, 0.4098, 0.3544

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.



26.9988, 0.3727, 0.3748



26.9988, 0.2512, 0.3013



26.9988, 0.3653, 0.3238

Square

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



26.9988, 0.2512, 0.3013



26.9988, 0.3037, 0.2811



26.9988, 0.3784, 0.3512



26.9988, 0.3189, 0.3836

Rectangle

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



26.9988, 0.2512, 0.3013



26.9988, 0.2664, 0.2753



26.9988, 0.3784, 0.3512



26.9988, 0.3594, 0.3849

Sweetspot

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



26.9998, 0.2512, 0.3013



62.0518, 0.2928, 0.3214



30.8397, 0.2954, 0.4299



13.6445, 0.2896, 0.3201



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.9998, 0.2512, 0.3013



45.7016, 0.2400, 0.2943



17.4777, 0.2407, 0.2370



8.2410, 0.2987, 0.3238



14.2982, 0.2045, 0.2560



0.4167, 0.2119, 0.2828

Inverse Universe

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



18.4963, 0.3381, 0.2469



28.8629, 0.3453, 0.2306



29.4560, 0.3867, 0.4060



7.6373, 0.3170, 0.3117



7.5145, 0.3863, 0.1902



0.1898, 0.3609, 0.1762

Previews

White Background



This preview shows how the Yxy color 26.9988, 0.2512, 0.3013 looks on a white background.

Color Contrast Check

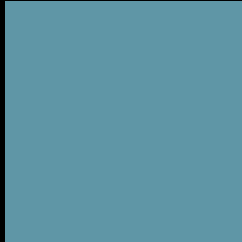
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9988, 0.2512, 0.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

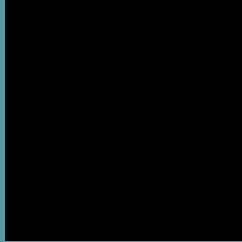
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9988, 0.2512, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 26.9988, 0.2512, 0.3013.



This preview shows how white text looks on a background with the Yxy color 26.9988, 0.2512, 0.3013.

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

26.9988, 0.2512, 0.3013

Protanopia

26.6975, 0.2914, 0.2969

Deuteranopia

26.7923, 0.2871, 0.2807



Tritanopia

27.1572, 0.2529, 0.3080

Trichromacy



Original Color

26.9988, 0.2512, 0.3013

Protanomaly

26.6927, 0.2747, 0.2991

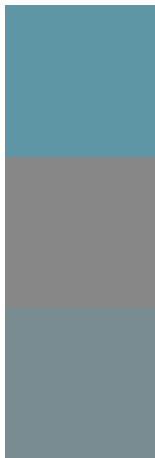
Deuteranomaly

26.5331, 0.2722, 0.2866

Tritanomaly

27.1932, 0.2522, 0.3063

Monochromacy



Original Color

26.9988, 0.2512, 0.3013

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.8246, 0.2862, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9988, 0.2512, 0.3013 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(95, 150, 166) looks like.

```
.text, #text, p{  
    color:rgb(95, 150, 166)  
}
```

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(95, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 150, 166) }
```

Border

The CSS property to change the border of an element to Yxy 26.9988, 0.2512, 0.3013 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(95, 150, 166) }
```

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

```
.border{ border-color:rgb(95, 150, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 150, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 150, 166); box-shadow:4px 4px 4px 4px rgb(95, 150, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9988, 0.2512, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 150, 166) }
```

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

```
.background{ background-color: rgb(95, 150,  
166) }
```

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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