

Converting Colors

$Y_{xy}(27.0178, 0.2524, 0.2977)$

Have a look what the booklet for
Yxy(27.0178, 0.2524, 0.2977)
contains.

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Color

Yxy(26.9187, 0.2517, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	6295A8
RGB	98, 149, 168
RGB Percent	38%, 58%, 66%
CMY	0.6154, 0.4157, 0.3411
CMYK	0.42, 0.11, 0.00, 0.34
HSL	196°, 29%, 52%
HSV	196°, 42%, 66%
XYZ	22.8591, 26.9187, 41.0410
YIQ	135.9170, -36.4950, -4.9030

Conversions

Conversions Part 2

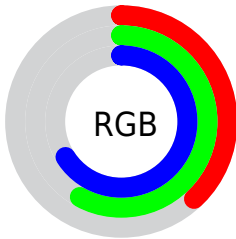
Format	Color
R_{YB}	98, 128, 168
Decimal	6460840
CIE _{Lab}	58.90, -11.90, -15.34
CIE _{LCh}	59, 19.411, 232.189
Yxy	26.9187, 0.2517, 0.2964
Android (android.graphics.Color)	4284650920 (0xFF6295A8)
YUV	135.9170, 15.8169, -33.2532
Hunter-Lab	51.8832, -12.1508, -10.5817

Details

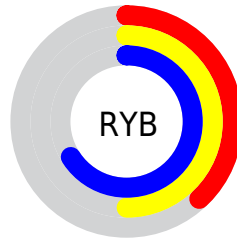
The Yxy color $26.9187, 0.2517, 0.2964$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.9554, 0.4041, 0.3588$, and the grayscale version is $24.5445, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7150, 0.2643, 0.3036$, and $10.5542, 0.2309, 0.2832$ is the 20% darker color. If you saturate the color by 10%, you get $24.6626, 0.2389, 0.2871$, and if you desaturate by 10%, it is $29.4298, 0.2656, 0.3052$.

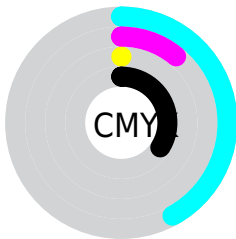
Distribution



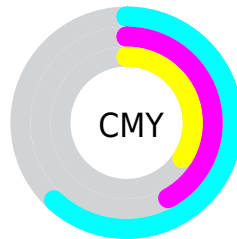
- Red (38%)
- Green (58%)
- Blue (66%)



- Red (38%)
- Yellow (50%)
- Blue (66%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (62%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9187, 0.2517, 0.2964 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 26.9187, 0.2517, 0.2964 by changing the saturation by 10% instead.

■ 26.9187, 0.2517,
0.2964

■ 26.9187, 0.2517,
0.2964

■ 287.2633, 0.2843,
0.3146

■ 17.5122, 0.2429,
0.2911

■ 54.7534, 0.2640,
0.3035

■ 10.6003, 0.2311,
0.2839

■ 73.9503, 0.2685,
0.3061

■ 5.7988, 0.2148,
0.2734

■ 97.1795, 0.2723,
0.3081

■ 2.7231, 0.1906,
0.2568

■ 124.8254, 0.2754,
0.3099

■ 0.9889, 0.1493,
0.2286

■ 157.2723, 0.2781,
0.3113

■ 0.0000, 0.0000,
0.0000

194.9046, 0.2804,

0.3126

238.1068, 0.2825,
0.3137

■ 26.9187, 0.2517,
0.2964

■ 26.9187, 0.2517,
0.2964

■ 24.6626, 0.2389,
0.2871

■ 29.4298, 0.2656,
0.3052

■ 22.6454, 0.2274,
0.2773

■ 32.2048, 0.2802,
0.3135

■ 20.8537, 0.2176,
0.2673

■ 35.2558, 0.2952,
0.3210

■ 19.2712, 0.2097,
0.2572

■ 38.5930, 0.3103,
0.3279

■ 17.8785, 0.2036,
0.2472

■ 42.2263, 0.3253,
0.3342

■ 16.8228, 0.1997,
0.2388

■ 46.1649, 0.3400,
0.3397

■ 50.4175, 0.3542,
0.3447

■ 54.9926, 0.3679,
0.3490

■ 59.8983, 0.3810,
0.3528

Harmonies

Analogous

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



26.9187, 0.2594, 0.3241



26.9187, 0.2517, 0.2964



26.9187, 0.2591, 0.2794

Triad

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



26.9187, 0.2517, 0.2964



26.9187, 0.3439, 0.3042



26.9187, 0.3436, 0.3873

Complementary

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



26.9187, 0.2517, 0.2964



21.9554, 0.4041, 0.3588

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.



26.9187, 0.3682, 0.3780



26.9187, 0.2517, 0.2964



26.9187, 0.3688, 0.3298

Square

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



26.9187, 0.2517, 0.2964



26.9187, 0.3112, 0.2848



26.9187, 0.3778, 0.3565



26.9187, 0.3116, 0.3794

Rectangle

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



26.9187, 0.2517, 0.2964



26.9187, 0.2719, 0.2755



26.9187, 0.3778, 0.3565



26.9187, 0.3531, 0.3860

Sweetspot

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



26.9197, 0.2517, 0.2964



63.6236, 0.2943, 0.3206



31.8879, 0.2932, 0.4203



13.7138, 0.2924, 0.3197



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.



26.9197, 0.2517, 0.2964



45.0225, 0.2397, 0.2877



17.5529, 0.2417, 0.2334



8.1818, 0.2987, 0.3227



12.7906, 0.2000, 0.2398



0.3894, 0.2091, 0.2727

Inverse Universe

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



19.2457, 0.3416, 0.2533



29.8779, 0.3503, 0.2375



31.5660, 0.3825, 0.4088



7.6313, 0.3177, 0.3127



7.3623, 0.4025, 0.1991



0.1870, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 26.9187, 0.2517, 0.2964 looks on a white background.

Color Contrast Check

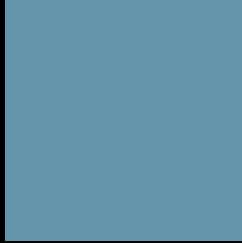
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9187, 0.2517, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

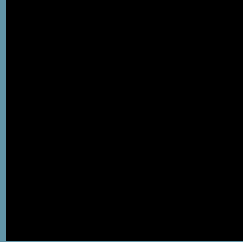
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9187, 0.2517, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 26.9187, 0.2517, 0.2964.



This preview shows how white text looks on a background with the Yxy color 26.9187, 0.2517, 0.2964.

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

26.9187, 0.2517, 0.2964

Protanopia

26.6832, 0.2886, 0.2937

Deuteranopia

26.6547, 0.2842, 0.2789



Tritanopia

26.9081, 0.2547, 0.3080

Trichromacy



Original Color

26.9187, 0.2517, 0.2964

Protanomaly

26.5362, 0.2738, 0.2943

Deuteranomaly

26.5705, 0.2714, 0.2851

Tritanomaly

27.0344, 0.2540, 0.3047

Monochromacy



Original Color

26.9187, 0.2517, 0.2964

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.3254, 0.2865, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9187, 0.2517, 0.2964 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(98, 149, 168)` looks like.

```
.text, #text, p{  
    color:rgb(98, 149, 168)  
}
```

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(98, 149, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 149, 168) }
```

Border

The CSS property to change the border of an element to Yxy 26.9187, 0.2517, 0.2964 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(98, 149, 168) }
```

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

```
.border{ border-color:rgb(98, 149, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 149, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 149, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 149, 168);  
box-shadow:4px 4px 4px 4px rgb(98, 149,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9187, 0.2517, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 149, 168) }
```

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

```
.background{ background-color: rgb(98, 149,  
168) }
```

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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