

Converting Colors

$Yxy(27.1464, 0.2691, 0.3168)$

Have a look what the booklet for
Yxy(27.1464, 0.2691, 0.3168)
contains.

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Color

Yxy(27.1464, 0.2691, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	6D959C
RGB	109, 149, 156
RGB Percent	43%, 58%, 61%
CMY	0.5724, 0.4157, 0.3882
CMYK	0.30, 0.05, 0.00, 0.39
HSL	189°, 19%, 52%
HSV	189°, 30%, 61%
XYZ	23.0590, 27.1464, 35.4840
YIQ	137.8380, -26.0870, -6.3030

Conversions

Conversions Part 2

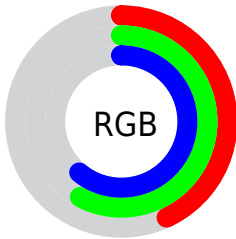
Format	Color
R_{YB}	109, 131, 156
Decimal	7181724
CIE _{Lab}	59.11, -11.90, -8.13
CIE _{LCh}	59, 14.417, 214.341
Y _{xy}	27.1464, 0.2691, 0.3168
Android (android.graphics.Color)	4285371804 (0xFF6D959C)
YUV	137.8380, 8.9539, -25.2909
Hunter-Lab	52.1022, -12.1796, -3.9076

Details

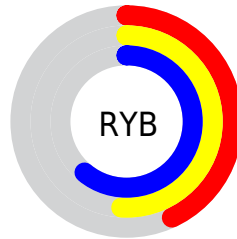
The Yxy color $27.1464, 0.2691, 0.3168$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.6787, 0.3746, 0.3408$, and the grayscale version is $25.3268, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0464, 0.2784, 0.3200$, and $10.6851, 0.2537, 0.3109$ is the 20% darker color. If you saturate the color by 10%, you get $25.5133, 0.2562, 0.3121$, and if you desaturate by 10%, it is $28.9721, 0.2830, 0.3212$.

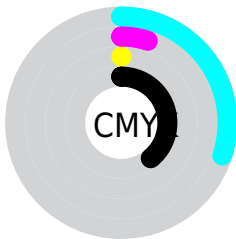
Distribution



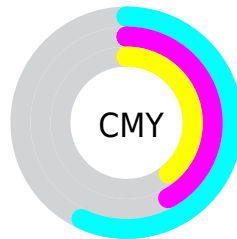
- Red (43%)
- Green (58%)
- Blue (61%)



- Red (43%)
- Yellow (51%)
- Blue (61%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (57%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1464, 0.2691, 0.3168 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 27.1464, 0.2691, 0.3168 by changing the saturation by 10% instead.

■ 27.1464, 0.2691,
0.3168

■ 27.1464, 0.2691,
0.3168

■ 288.3653, 0.2926,
0.3238

■ 17.6832, 0.2626,
0.3147

■ 55.1187, 0.2781,
0.3196

■ 10.7228, 0.2540,
0.3118

■ 74.3966, 0.2813,
0.3206

■ 5.8808, 0.2417,
0.3073

■ 97.7149, 0.2840,
0.3213

■ 2.7727, 0.2231,
0.3001

■ 125.4579, 0.2862,
0.3220

■ 1.0142, 0.1890,
0.2871

■ 158.0100, 0.2882,
0.3226

■ 0.0000, 0.0000,
0.0000

195.7557, 0.2898,

0.3230

239.0793, 0.2913,
0.3234

■ 27.1464, 0.2691,
0.3168

■ 27.1464, 0.2691,
0.3168

■ 25.5133, 0.2562,
0.3121

■ 28.9721, 0.2830,
0.3212

■ 24.0602, 0.2446,
0.3072

■ 30.9958, 0.2976,
0.3252

■ 22.7780, 0.2345,
0.3022

■ 33.2267, 0.3125,
0.3290

■ 21.6552, 0.2261,
0.2970

■ 35.6725, 0.3277,
0.3323

■ 20.6791, 0.2196,
0.2918

■ 38.3405, 0.3428,
0.3354

■ 19.8346, 0.2149,
0.2866

■ 41.2374, 0.3577,
0.3380

■ 19.0929, 0.2115,
0.2815

■ 44.3699, 0.3721,
0.3404

■ 47.7443, 0.3861,
0.3425

■ 51.3666, 0.3995,
0.3443

Harmonies

Analogous

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



27.1464, 0.2815, 0.3394



27.1464, 0.2691, 0.3168



27.1464, 0.2679, 0.2988

Triad

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



27.1464, 0.2691, 0.3168



27.1464, 0.3218, 0.3009



27.1464, 0.3477, 0.3696

Complementary

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



27.1464, 0.2691, 0.3168



20.6787, 0.3746, 0.3408

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.



27.1464, 0.3596, 0.3572



27.1464, 0.2691, 0.3168



27.1464, 0.3444, 0.3180

Square

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



27.1464, 0.2691, 0.3168



27.1464, 0.2975, 0.2906



27.1464, 0.3584, 0.3384



27.1464, 0.3266, 0.3709

Rectangle

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



27.1464, 0.2691, 0.3168



27.1464, 0.2734, 0.2915



27.1464, 0.3584, 0.3384



27.1464, 0.3529, 0.3665

Sweetspot

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



27.1475, 0.2691, 0.3168



56.6463, 0.2989, 0.3256



28.2808, 0.3034, 0.4026



12.3487, 0.2969, 0.3251



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.1475, 0.2691, 0.3168



47.2998, 0.2605, 0.3138



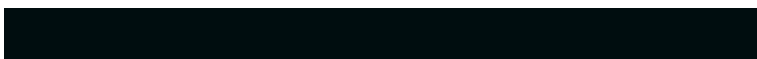
20.6432, 0.2646, 0.2758



7.3404, 0.2988, 0.3256



15.7627, 0.2116, 0.2819



0.3235, 0.2174, 0.3025

Inverse Universe

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



20.1843, 0.3246, 0.2662



32.8033, 0.3277, 0.2524



26.5791, 0.3642, 0.3769



6.7375, 0.3159, 0.3102



7.2135, 0.3618, 0.1766



0.1332, 0.3432, 0.1664

Previews

White Background



This preview shows how the Yxy color 27.1464, 0.2691, 0.3168 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 27.1464, 0.2691, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

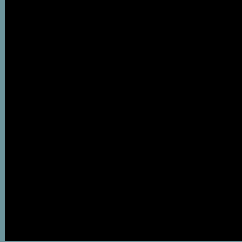
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1464, 0.2691, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 27.1464, 0.2691, 0.3168.

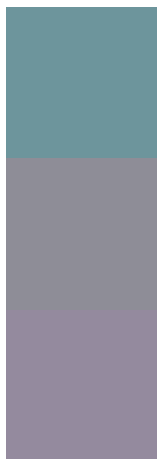


This preview shows how white text looks on a background with the Yxy color 27.1464, 0.2691, 0.3168.

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

27.1464, 0.2691, 0.3168

Protanopia

27.0349, 0.3040, 0.3129

Deuteranopia

26.9415, 0.3035, 0.2976



Tritanopia

27.0329, 0.2666, 0.3084

Trichromacy



Original Color

27.1464, 0.2691, 0.3168

Protanomaly

26.9923, 0.2900, 0.3140

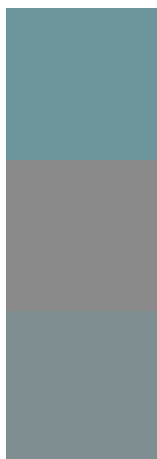
Deuteranomaly

26.8487, 0.2902, 0.3045

Tritanomaly

26.9980, 0.2674, 0.3101

Monochromacy



Original Color

27.1464, 0.2691, 0.3168

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9024, 0.2943, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1464, 0.2691, 0.3168 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(109, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(109, 149, 156)  
}
```

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(109, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 149, 156) }
```

Border

The CSS property to change the border of an element to Yxy 27.1464, 0.2691, 0.3168 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(109, 149, 156) }
```

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

```
.border{ border-color:rgb(109, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(109, 149,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1464, 0.2691, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 149, 156) }
```

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

```
.background{ background-color: rgb(109,  
149, 156) }
```

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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