

Converting Colors

$Y_{xy}(27.2565, 0.2377, 0.2645)$

Have a look what the booklet for
Yxy(27.2565, 0.2377, 0.2645)
contains.

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Color

Yxy(27.3520, 0.2376, 0.2642)

Conversions

Conversions Part 1

Format	Color
Hex	6194BC
RGB	97, 148, 188
RGB Percent	38%, 58%, 74%
CMY	0.6197, 0.4196, 0.2626
CMYK	0.48, 0.21, 0.00, 0.26
HSL	206°, 40%, 56%
HSV	206°, 48%, 74%
XYZ	24.5982, 27.3520, 51.5775
YIQ	137.3110, -43.2360, 1.6280

Conversions

Conversions Part 2

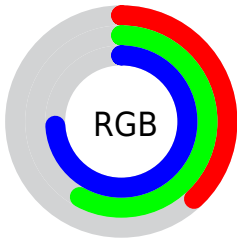
Format	Color
R_{YB}	97, 130, 188
Decimal	6395068
CIE _{Lab}	59.30, -5.93, -26.08
CIE _{LCh}	59, 26.746, 257.190
Yxy	27.3520, 0.2376, 0.2642
Android (android.graphics.Color)	4284585148 (0xFF6194BC)
YUV	137.3110, 24.9897, -35.3527
Hunter-Lab	52.2991, -7.5685, -21.8625

Details

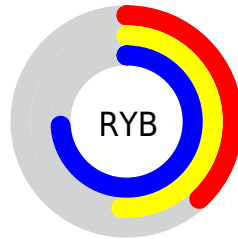
The Yxy color **27.3520, 0.2376, 0.2642** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.4551, 0.4157, 0.3844**, and the grayscale version is **25.0558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4481, 0.2526, 0.2780**, and **10.7498, 0.2127, 0.2401** is the 20% darker color. If you saturate the color by 10%, you get **23.9380, 0.2234, 0.2478**, and if you desaturate by 10%, it is **31.1981, 0.2528, 0.2798**.

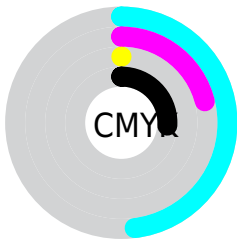
Distribution



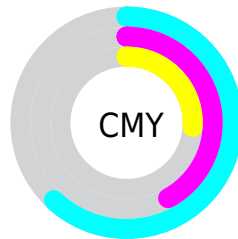
- Red (38%)
- Green (58%)
- Blue (74%)



- Red (38%)
- Yellow (51%)
- Blue (74%)



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3520, 0.2376, 0.2642 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 27.3520, 0.2376, 0.2642 by changing the saturation by 10% instead.

■ 27.3520, 0.2376,
0.2642

■ 27.3520, 0.2376,
0.2642

289.3574, 0.2773,
0.2991

■ 17.8378, 0.2271,
0.2547

■ 55.4482, 0.2525,
0.2775

■ 10.8336, 0.2134,
0.2421

■ 74.7990, 0.2579,
0.2823

■ 5.9550, 0.1947,
0.2247

■ 98.1973, 0.2625,
0.2863

■ 2.8178, 0.1681,
0.1993

■ 126.0277, 0.2664,
0.2897

■ 1.0373, 0.1287,
0.1601

158.6745, 0.2697,
0.2926

■ 0.0000, 0.0000,
0.0000

196.5222, 0.2725,

0.2950

239.9550, 0.2751,
0.2972

■ 27.3520, 0.2376,
0.2642

■ 27.3520, 0.2376,
0.2642

■ 23.9380, 0.2234,
0.2478

■ 31.1981, 0.2528,
0.2798

■ 20.9317, 0.2106,
0.2309

■ 35.4927, 0.2685,
0.2943

■ 18.3101, 0.1995,
0.2138

■ 40.2552, 0.2843,
0.3076

■ 16.0459, 0.1907,
0.1970

■ 45.5023, 0.2999,
0.3197

■ 14.0966, 0.1839,
0.1807

■ 51.2502, 0.3151,
0.3306

■ 13.8080, 0.1828,
0.1782

■ 57.5140, 0.3297,
0.3404

■ 64.3082, 0.3435,
0.3490

■ 71.6465, 0.3566,
0.3565

■ 77.3524, 0.3604,
0.3642

Harmonies

Analogous

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



27.3520, 0.2311, 0.2890



27.3520, 0.2376, 0.2642



27.3520, 0.2628, 0.2572

Triad

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



27.3520, 0.2376, 0.2642



27.3520, 0.3855, 0.3231



27.3520, 0.3178, 0.4031

Complementary

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



27.3520, 0.2376, 0.2642



29.4551, 0.4157, 0.3844

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.



27.3520, 0.3607, 0.4087



27.3520, 0.2376, 0.2642



27.3520, 0.4019, 0.3590

Square

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



27.3520, 0.2376, 0.2642



27.3520, 0.3481, 0.2904



27.3520, 0.3921, 0.3908



27.3520, 0.2753, 0.3724

Rectangle

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



27.3520, 0.2376, 0.2642



27.3520, 0.2881, 0.2620



27.3520, 0.3921, 0.3908



27.3520, 0.3326, 0.4079

Sweetspot

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



27.3530, 0.2376, 0.2642



75.8495, 0.2893, 0.3116



40.3109, 0.2810, 0.4135



15.8917, 0.2859, 0.3090



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



27.3530, 0.2376, 0.2642



43.0611, 0.2227, 0.2469



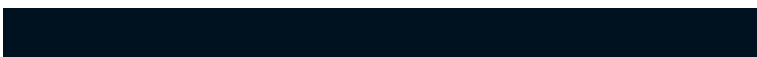
15.8849, 0.2235, 0.1882



10.0881, 0.2984, 0.3187



9.5479, 0.1834, 0.1802



0.5023, 0.1943, 0.2194

Inverse Universe

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



21.3808, 0.3690, 0.2598



32.4332, 0.3875, 0.2469



44.9987, 0.3865, 0.4389



9.6235, 0.3203, 0.3162



7.9936, 0.4683, 0.2354



0.3261, 0.4239, 0.2109

Previews

White Background



This preview shows how the Yxy color 27.3520, 0.2376, 0.2642 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 27.3520, 0.2376, 0.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

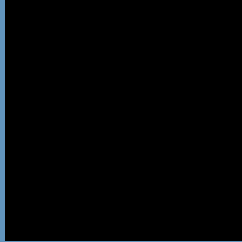
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

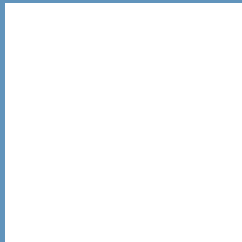
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.3520, 0.2376, 0.2642

Background



This preview shows how black text looks on a background with the Yxy color 27.3520, 0.2376, 0.2642.

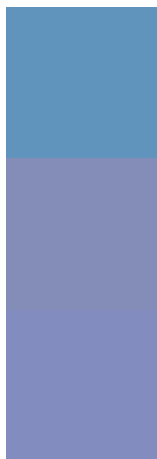


This preview shows how white text looks on a background with the Yxy color 27.3520, 0.2376, 0.2642.

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

27.3520, 0.2376, 0.2642

Protanopia

27.2939, 0.2654, 0.2641

Deuteranopia

27.2197, 0.2591, 0.2530



Tritanopia

27.3105, 0.2497, 0.3080

Trichromacy



Original Color

27.3520, 0.2376, 0.2642

Protanomaly

27.3712, 0.2545, 0.2644

Deuteranomaly

27.1706, 0.2506, 0.2572

Tritanomaly

27.4775, 0.2454, 0.2916

Monochromacy



Original Color

27.3520, 0.2376, 0.2642

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5876, 0.2794, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3520, 0.2376, 0.2642 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(97, 148, 188)` looks like.

```
.text, #text, p{  
    color:rgb(97, 148, 188)  
}
```

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(97, 148, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 148, 188) }
```

Border

The CSS property to change the border of an element to Yxy 27.3520, 0.2376, 0.2642 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(97, 148, 188) }
```

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

```
.border{ border-color:rgb(97, 148, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 148, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 148, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 148, 188);  
box-shadow:4px 4px 4px 4px rgb(97, 148,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3520, 0.2376, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 148, 188) }
```

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

```
.background{ background-color: rgb(97, 148,  
188) }
```

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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