

Converting Colors

$Y_{xy}(27.3746, 0.2623, 0.3371)$

Have a look what the booklet for
Yxy(27.3746, 0.2623, 0.3371)
contains.

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Color

Yxy(27.2277, 0.2620, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	5C9995
RGB	92, 153, 149
RGB Percent	36%, 60%, 58%
CMY	0.6392, 0.4000, 0.4156
CMYK	0.40, 0.00, 0.03, 0.40
HSL	176°, 25%, 48%
HSV	176°, 40%, 60%
XYZ	21.2311, 27.2277, 32.5760
YIQ	134.3050, -35.0720, -14.1760

Conversions

Conversions Part 2

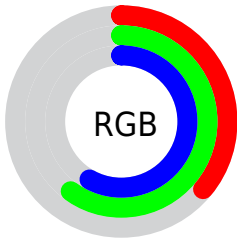
Format	Color
R_{YB}	92, 124, 153
Decimal	6068629
CIE _{Lab}	59.18, -20.69, -4.14
CIE _{LCh}	59, 21.104, 191.304
Yxy	27.2277, 0.2620, 0.3360
Android (android.graphics.Color)	4284258709 (0xFF5C9995)
YUV	134.3050, 7.2446, -37.1015
Hunter-Lab	52.1802, -18.6870, -0.4885

Details

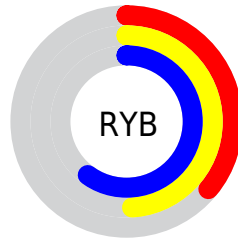
The Yxy color **27.2277, 0.2620, 0.3360** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.2728, 0.4028, 0.3225**, and the grayscale version is **23.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4433, 0.2723, 0.3354**, and **10.8159, 0.2447, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **26.4869, 0.2524, 0.3380**, and if you desaturate by 10%, it is **28.1301, 0.2731, 0.3341**.

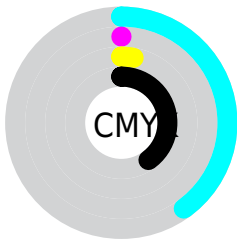
Distribution



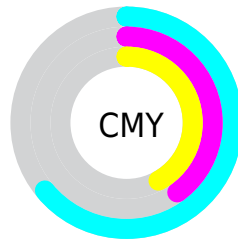
- Red (36%)
- Green (60%)
- Blue (58%)



- Red (36%)
- Yellow (49%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)




- Cyan (64%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2277, 0.2620, 0.3360 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 27.2277, 0.2620, 0.3360 by changing the saturation by 10% instead.

 27.2277, 0.2620,
0.3360


 27.2277, 0.2620,
0.3360


288.7579, 0.2893,
0.3326


 17.7443, 0.2545,
0.3368


 55.2490, 0.2724,
0.3348


 10.7666, 0.2443,
0.3378


 74.5558, 0.2762,
0.3343

 5.9101, 0.2300,
0.3390

 97.9057, 0.2793,
0.3339

 2.7905, 0.2082,
0.3402

 125.6833, 0.2819,
0.3336

 1.0234, 0.1564,
0.3471

158.2730, 0.2842,
0.3333

 0.0000, 0.0000,
0.0000

196.0590, 0.2861,

0.3330

239.4259, 0.2878,
0.3328

■ 27.2277, 0.2620,
0.3360

■ 27.2277, 0.2620,
0.3360

■ 26.4869, 0.2524,
0.3380

■ 28.1301, 0.2731,
0.3341

■ 25.8948, 0.2444,
0.3401

■ 29.1996, 0.2855,
0.3322

■ 25.4418, 0.2383,
0.3423


■ 30.4456, 0.2988,
0.3305


■ 25.1157, 0.2340,
0.3444

■ 31.8757, 0.3129,
0.3290

■ 24.9025, 0.2315,
0.3466


■ 33.4970, 0.3274,
0.3276

 24.7676, 0.2302,
0.3487

 35.3165, 0.3422,
0.3263

 24.7658, 0.2302,
0.3487

 37.3405, 0.3569,
0.3252

 39.5753, 0.3714,
0.3242

 42.0267, 0.3855,
0.3234

Harmonies

Analogous

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



27.2277, 0.2895, 0.3687



27.2277, 0.2620, 0.3360



27.2277, 0.2480, 0.3033

Triad

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



27.2277, 0.2620, 0.3360



27.2277, 0.2981, 0.2764



27.2277, 0.3787, 0.3745

Complementary

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



27.2277, 0.2620, 0.3360



15.2728, 0.4028, 0.3225

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.



27.2277, 0.3821, 0.3483



27.2277, 0.2620, 0.3360



27.2277, 0.3340, 0.2936

Square

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



27.2277, 0.2620, 0.3360



27.2277, 0.2679, 0.2713



27.2277, 0.3654, 0.3193



27.2277, 0.3571, 0.3905

Rectangle

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



27.2277, 0.2620, 0.3360



27.2277, 0.2476, 0.2866



27.2277, 0.3654, 0.3193



27.2277, 0.3821, 0.3665

Sweetspot

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



27.2288, 0.2620, 0.3360



53.9653, 0.2956, 0.3309



26.0464, 0.3109, 0.4460



11.8573, 0.2940, 0.3311



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.



27.2288, 0.2620, 0.3360



47.5449, 0.2532, 0.3378



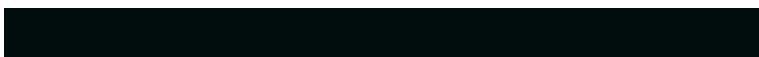
19.6440, 0.2516, 0.2793



7.0196, 0.2997, 0.3304



20.4703, 0.2302, 0.3486



0.3078, 0.2275, 0.3390

Inverse Universe

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



15.2728, 0.4028, 0.3225



23.0328, 0.4353, 0.3212



20.6058, 0.3915, 0.3735



6.2289, 0.3273, 0.3276



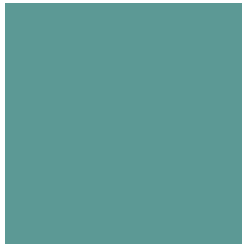
5.6173, 0.6306, 0.3247



0.0855, 0.5876, 0.3010

Previews

White Background



This preview shows how the Yxy color 27.2277, 0.2620, 0.3360 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 27.2277, 0.2620, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

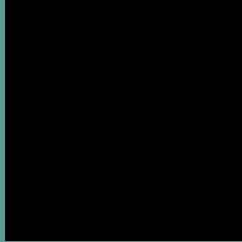
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2277, 0.2620, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 27.2277, 0.2620, 0.3360.

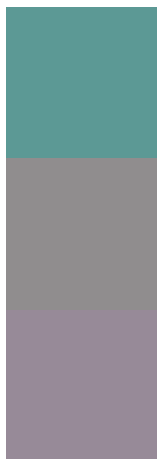


This preview shows how white text looks on a background with the Yxy color 27.2277, 0.2620, 0.3360.

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

27.2277, 0.2620, 0.3360

Protanopia

26.9320, 0.3149, 0.3274

Deuteranopia

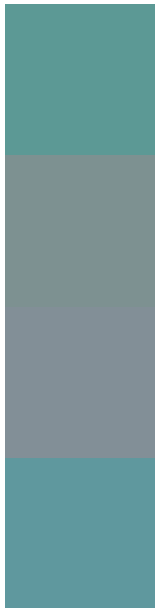
27.0233, 0.3127, 0.3070



Tritanopia

27.2644, 0.2543, 0.3081

Trichromacy



Original Color

27.2277, 0.2620, 0.3360

Protanomaly

26.6551, 0.2924, 0.3289

Deuteranomaly

26.6251, 0.2918, 0.3156

Tritanomaly

27.3580, 0.2574, 0.3183

Monochromacy



Original Color

27.2277, 0.2620, 0.3360

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.8358, 0.2917, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2277, 0.2620, 0.3360 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(92, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(92, 153, 149)  
}
```

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(92, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 153, 149) }
```

Border

The CSS property to change the border of an element to Yxy 27.2277, 0.2620, 0.3360 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(92, 153, 149) }
```

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

```
.border{ border-color:rgb(92, 153, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(92, 153,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2277, 0.2620, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 153, 149) }
```

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

```
.background{ background-color: rgb(92, 153,  
149) }
```

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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