

Converting Colors

$Yxy(27.2404, 0.2708, 0.3806)$

Have a look what the booklet for
Yxy(27.2404, 0.2708, 0.3806)
contains.

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Color

$Y_{xy}(27.1558, 0.2704, 0.3799)$

Conversions

Conversions Part 1

Format	Color
Hex	529C81
RGB	82, 156, 129
RGB Percent	32%, 61%, 51%
CMY	0.6786, 0.3882, 0.4941
CMYK	0.47, 0.00, 0.17, 0.39
HSL	158°, 31%, 47%
HSV	158°, 47%, 61%
XYZ	19.3286, 27.1558, 24.9971
YIQ	130.7960, -35.4370, -24.0850

Conversions

Conversions Part 2

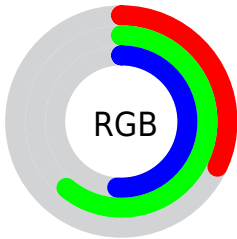
Format	Color
RYB	82, 127, 156
Decimal	5414017
CIELab	59.12, -29.76, 7.05
CIElCh	59, 30.580, 166.669
Yxy	27.1558, 0.2704, 0.3799
Android (android.graphics.Color)	4283604097 (0xFF529C81)
YUV	130.7960, -0.8854, -42.7941
Hunter-Lab	52.1112, -24.9872, 8.0372

Details

The Yxy color **27.1558, 0.2704, 0.3799** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.2000, 0.3908, 0.2848**, and the grayscale version is **22.6305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2002, 0.2797, 0.3685**, and **10.6994, 0.2545, 0.3990** is the 20% darker color. If you saturate the color by 10%, you get **26.3886, 0.2644, 0.3930**, and if you desaturate by 10%, it is **28.0926, 0.2778, 0.3675**.

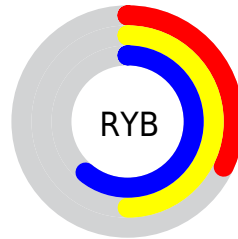
Distribution



Red (32%)

Green (61%)

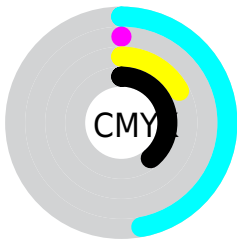
Blue (51%)



Red (32%)

Yellow (50%)

Blue (61%)

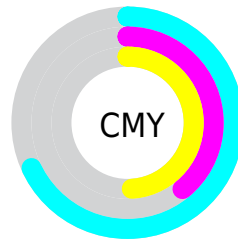


Cyan (47%)

Magenta (0%)

Yellow (17%)

Black (39%)



Cyan (68%)


Magenta (39%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1558, 0.2704, 0.3799 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 27.1558, 0.2704, 0.3799 by changing the saturation by 10% instead.

 27.1558, 0.2704,
0.3799


 27.1558, 0.2704,
0.3799


288.4107, 0.2938,
0.3514


 17.6903, 0.2637,
0.3883


 55.1338, 0.2795,
0.3687


 10.7278, 0.2545,
0.4000


 74.4150, 0.2827,
0.3647

 5.8841, 0.2410,
0.4173

 97.7369, 0.2854,
0.3615

 2.7748, 0.2197,
0.4456

 125.4839, 0.2876,
0.3588

 1.0153, 0.1257,
0.5475

 158.0404, 0.2895,
0.3565

 0.0000, 0.0000,
0.0000

195.7908, 0.2911,

0.3545

239.1194, 0.2926,
0.3528

■ 27.1558, 0.2704,
0.3799

■ 27.1558, 0.2704,
0.3799

■ 26.3886, 0.2644,
0.3930

■ 28.0926, 0.2778,
0.3675

■ 25.7766, 0.2601,
0.4066

■ 29.2058, 0.2862,
0.3560

■ 25.3085, 0.2576,
0.4204


■ 30.5056, 0.2954,
0.3453


■ 24.9699, 0.2571,
0.4342


■ 32.0006, 0.3052,
0.3356


■ 24.7365, 0.2583,
0.4479

■ 33.6989, 0.3153,
0.3269

 24.6831, 0.2587,
0.4513

 35.6079, 0.3254,
0.3191

 37.7350, 0.3355,
0.3121

 40.0868, 0.3454,
0.3060

 42.6700, 0.3550,
0.3007

Harmonies

Analogous

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



27.1558, 0.3188, 0.4152



27.1558, 0.2704, 0.3799



27.1558, 0.2352, 0.3289

Triad

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



27.1558, 0.2704, 0.3799



27.1558, 0.2551, 0.2477



27.1558, 0.4148, 0.3615

Complementary

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



27.1558, 0.2704, 0.3799



14.2000, 0.3908, 0.2848

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.



27.1558, 0.3957, 0.3211



27.1558, 0.2704, 0.3799



27.1558, 0.2999, 0.2585

Square

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



27.1558, 0.2704, 0.3799



27.1558, 0.2273, 0.2554



27.1558, 0.3521, 0.2846



27.1558, 0.4037, 0.3982

Rectangle

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



27.1558, 0.2704, 0.3799



27.1558, 0.2228, 0.2969



27.1558, 0.3521, 0.2846



27.1558, 0.4118, 0.3480

Sweetspot

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



27.1569, 0.2704, 0.3799



56.2273, 0.2985, 0.3421



27.6462, 0.3308, 0.4635



12.2568, 0.2966, 0.3441



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.



27.1569, 0.2704, 0.3799



47.8418, 0.2641, 0.3939



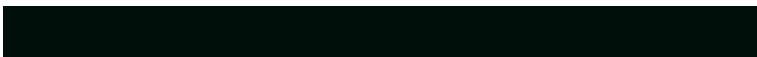
24.7918, 0.2479, 0.3108



7.4684, 0.3034, 0.3373



20.3359, 0.2584, 0.4503



0.3715, 0.2433, 0.3957

Inverse Universe

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



14.2000, 0.3908, 0.2848



21.3854, 0.4189, 0.2764



15.3023, 0.4302, 0.3456



6.6841, 0.3230, 0.3209



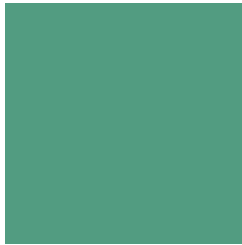
6.0702, 0.5469, 0.2787



0.1163, 0.4478, 0.2241

Previews

White Background



This preview shows how the Yxy color 27.1558, 0.2704, 0.3799 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 27.1558, 0.2704, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

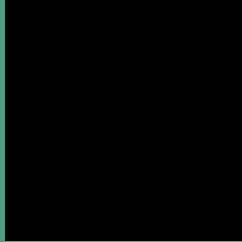
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1558, 0.2704, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 27.1558, 0.2704, 0.3799.



This preview shows how white text looks on a background with the Yxy color 27.1558, 0.2704, 0.3799.

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

27.1558, 0.2704, 0.3799

Protanopia

26.8198, 0.3423, 0.3618

Deuteranopia

26.8539, 0.3407, 0.3354



Tritanopia

27.0017, 0.2508, 0.3079

Trichromacy



Original Color

27.1558, 0.2704, 0.3799

Protanomaly

26.3730, 0.3119, 0.3677

Deuteranomaly

26.3583, 0.3096, 0.3496

Tritanomaly

27.0915, 0.2577, 0.3324

Monochromacy



Original Color

27.1558, 0.2704, 0.3799

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.8786, 0.2940, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1558, 0.2704, 0.3799 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(82, 156, 129)` looks like.

```
.text, #text, p{  
    color:rgb(82, 156, 129)  
}
```

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(82, 156, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 156, 129) }
```

Border

The CSS property to change the border of an element to Yxy 27.1558, 0.2704, 0.3799 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(82, 156, 129) }
```

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

```
.border{ border-color:rgb(82, 156, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 156, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 156, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 156, 129);  
box-shadow:4px 4px 4px 4px rgb(82, 156,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1558, 0.2704, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 156, 129) }
```

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

```
.background{ background-color: rgb(82, 156,  
129) }
```

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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