

Converting Colors

$Yxy(28.0254, 0.2747, 0.3933)$

Have a look what the booklet for
Yxy(28.0254, 0.2747, 0.3933)
contains.

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Color

$\text{Yxy}(28.1159, 0.2748, 0.3928)$

Conversions

Conversions Part 1

Format	Color
Hex	539F7D
RGB	83, 159, 125
RGB Percent	33%, 62%, 49%
CMY	0.6743, 0.3765, 0.5098
CMYK	0.48, 0.00, 0.21, 0.38
HSL	153°, 31%, 47%
HSV	153°, 48%, 62%
XYZ	19.6697, 28.1159, 23.7926
YIQ	132.4000, -34.3820, -26.6860

Conversions

Conversions Part 2

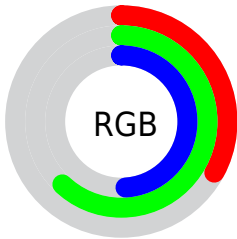
Format	Color
R_{YB}	83, 132, 159
Decimal	5480317
CIE _{Lab}	59.99, -31.81, 10.56
CIE _{LCh}	60, 33.515, 161.636
Yxy	28.1159, 0.2748, 0.3928
Android (android.graphics.Color)	4283670397 (0xFF539F7D)
YUV	132.4000, -3.6482, -43.3238
Hunter-Lab	53.0244, -26.5773, 10.5131

Details

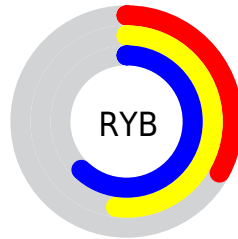
The Yxy color **28.1159, 0.2748, 0.3928** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.8487, 0.3811, 0.2746**, and the grayscale version is **23.2531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6259, 0.2830, 0.3779**, and **11.2702, 0.2605, 0.4185** is the 20% darker color. If you saturate the color by 10%, you get **27.2990, 0.2696, 0.4092**, and if you desaturate by 10%, it is **29.1139, 0.2813, 0.3773**.

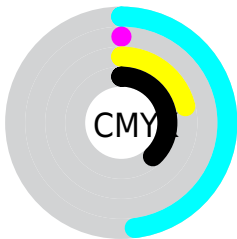
Distribution



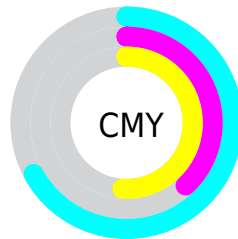
- Red (33%)
- Green (62%)
- Blue (49%)



- Red (33%)
- Yellow (52%)
- Blue (62%)



- Cyan (48%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)





- Cyan (67%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1159, 0.2748, 0.3928 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 28.1159, 0.2748, 0.3928 by changing the saturation by 10% instead.


 28.1159, 0.2748,
0.3928


 28.1159, 0.2748,
0.3928


293.0203, 0.2960,
0.3569


 18.4130, 0.2686,
0.4034


 56.6694, 0.2831,
0.3786


 11.2469, 0.2601,
0.4182


 76.2889, 0.2860,
0.3737


 6.2332, 0.2476,
0.4402

 99.9827, 0.2884,
0.3696

 2.9874, 0.2274,
0.4762

 128.1352, 0.2904,
0.3662

 1.1251, 0.1473,
0.6028

 161.1308, 0.2921,
0.3633

 0.0000, 0.0000,
0.0000

199.3539, 0.2936,

0.3609

243.1890, 0.2948,
0.3588

■ 28.1159, 0.2748,
0.3928

■ 28.1159, 0.2748,
0.3928

■ 27.2990, 0.2696,
0.4092

■ 29.1139, 0.2813,
0.3773

■ 26.6482, 0.2660,
0.4262

■ 30.3004, 0.2889,
0.3628

■ 26.1512, 0.2643,
0.4435

■ 31.6863, 0.2971,
0.3495

■ 25.7929, 0.2645,
0.4606

■ 33.2806, 0.3058,
0.3375

■ 25.5467, 0.2664,
0.4772


■ 35.0920, 0.3147,
0.3267

 25.4973, 0.2669,
0.4809

 37.1284, 0.3237,
0.3171

 39.3976, 0.3325,
0.3086

 41.9068, 0.3411,
0.3011

 44.6628, 0.3494,
0.2945

Harmonies

Analogous

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



28.1159, 0.3281, 0.4263



28.1159, 0.2748, 0.3928



28.1159, 0.2340, 0.3380

Triad

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



28.1159, 0.2748, 0.3928



28.1159, 0.2441, 0.2416



28.1159, 0.4222, 0.3561

Complementary

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



28.1159, 0.2748, 0.3928



14.8487, 0.3811, 0.2746

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.



28.1159, 0.3962, 0.3130



28.1159, 0.2748, 0.3928



28.1159, 0.2896, 0.2501

Square

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



28.1159, 0.2748, 0.3928



28.1159, 0.2180, 0.2531



28.1159, 0.3459, 0.2756



28.1159, 0.4151, 0.3971

Rectangle

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



28.1159, 0.2748, 0.3928



28.1159, 0.2183, 0.3020



28.1159, 0.3459, 0.2756



28.1159, 0.4171, 0.3415

Sweetspot

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



28.1170, 0.2748, 0.3928



57.7070, 0.3001, 0.3452



29.2179, 0.3372, 0.4619



12.8828, 0.2983, 0.3477



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.1170, 0.2748, 0.3928



48.8510, 0.2695, 0.4097



27.8532, 0.2496, 0.3221



7.4593, 0.3045, 0.3392



20.1478, 0.2665, 0.4795



0.3687, 0.2481, 0.4132

Inverse Universe

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



14.8487, 0.3811, 0.2746



22.2532, 0.4041, 0.2644



14.7862, 0.4369, 0.3355



6.6930, 0.3218, 0.3190



6.1910, 0.5134, 0.2602



0.1191, 0.4234, 0.2106

Previews

White Background



This preview shows how the Yxy color 28.1159, 0.2748, 0.3928 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 28.1159, 0.2748, 0.3928 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 28.1159, 0.2748, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 28.1159, 0.2748, 0.3928.



This preview shows how white text looks on a background with the Yxy color 28.1159, 0.2748, 0.3928.

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

28.1159, 0.2748, 0.3928

Protanopia

27.6047, 0.3493, 0.3712

Deuteranopia

27.8367, 0.3503, 0.3446



Tritanopia

27.9153, 0.2514, 0.3065

Trichromacy



Original Color

28.1159, 0.2748, 0.3928

Protanomaly

27.3630, 0.3175, 0.3795

Deuteranomaly

27.1846, 0.3176, 0.3596

Tritanomaly

27.8507, 0.2597, 0.3360

Monochromacy



Original Color

28.1159, 0.2748, 0.3928

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.5084, 0.2960, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1159, 0.2748, 0.3928 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(83, 159, 125)` looks like.

```
.text, #text, p{  
    color:rgb(83, 159, 125)  
}
```

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(83, 159, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 159, 125) }
```

Border

The CSS property to change the border of an element to Yxy 28.1159, 0.2748, 0.3928 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(83, 159, 125) }
```

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

```
.border{ border-color:rgb(83, 159, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 159, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 159, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 159, 125);  
box-shadow:4px 4px 4px 4px rgb(83, 159,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1159, 0.2748, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 159, 125) }
```

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

```
.background{ background-color: rgb(83, 159,  
125) }
```

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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