

Converting Colors

$Yxy(26.9654, 0.2978, 0.4031)$

Have a look what the booklet for
Yxy(26.9654, 0.2978, 0.4031)
contains.

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Color

$Y_{xy}(27.0928, 0.2972, 0.4035)$

Conversions

Conversions Part 1

Format	Color
Hex	659A72
RGB	101, 154, 114
RGB Percent	40%, 60%, 45%
CMY	0.6041, 0.3960, 0.5529
CMYK	0.34, 0.00, 0.26, 0.40
HSL	135°, 21%, 50%
HSV	135°, 34%, 60%
XYZ	19.9553, 27.0928, 20.0963
YIQ	133.5930, -18.7480, -23.6760

Conversions

Conversions Part 2

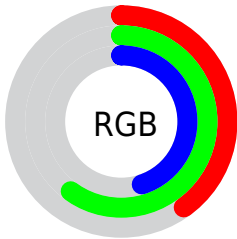
Format	Color
RYB	101, 144, 154
Decimal	6658674
CIELab	59.06, -26.36, 15.54
CIElCh	59, 30.602, 149.477
Yxy	27.0928, 0.2972, 0.4035
Android (android.graphics.Color)	4284848754 (0xFF659A72)
YUV	133.5930, -9.6593, -28.5841
Hunter-Lab	52.0507, -22.6550, 13.5442

Details

The Yxy color $27.0928, 0.2972, 0.4035$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.0910, 0.3333, 0.2647$, and the grayscale version is $23.7209, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.2241, 0.3014, 0.3870$, and $10.5999, 0.2895, 0.4322$ is the 20% darker color. If you saturate the color by 10%, you get $26.0393, 0.2934, 0.4299$, and if you desaturate by 10%, it is $28.3487, 0.3015, 0.3791$.

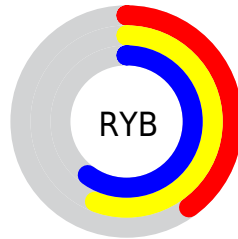
Distribution



Red (40%)

Green (60%)

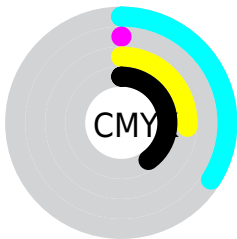
Blue (45%)



Red (40%)

Yellow (56%)

Blue (60%)

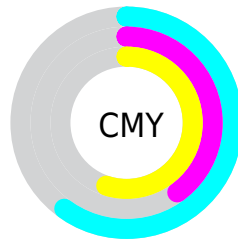


Cyan (34%)

Magenta (0%)

Yellow (26%)

Black (40%)



Cyan (60%)


Magenta (40%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0928, 0.2972, 0.4035 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 27.0928, 0.2972, 0.4035 by changing the saturation by 10% instead.


 27.0928, 0.2972,
0.4035


 27.0928, 0.2972,
0.4035


288.1062, 0.3065,
0.3612


 17.6429, 0.2942,
0.4162


 55.0327, 0.3011,
0.3867

 10.6939, 0.2897,
0.4339


 74.2916, 0.3024,
0.3808

 5.8614, 0.2826,
0.4606

 97.5889, 0.3034,
0.3760

 2.7610, 0.2699,
0.5047

 125.3091, 0.3043,
0.3721

 1.0083, 0.2341,
0.7618

157.8365, 0.3050,
0.3687

 0.0000, 0.0000,
0.0000

195.5556, 0.3056,

0.3658

238.8506, 0.3061,
0.3634

■ 27.0928, 0.2972,
0.4035

■ 27.0928, 0.2972,
0.4035

■ 26.0393, 0.2934,
0.4299

■ 28.3487, 0.3015,
0.3791

■ 25.1742, 0.2904,
0.4576

■ 29.8135, 0.3060,
0.3569

■ 24.4871, 0.2884,
0.4858

■ 31.4974, 0.3107,
0.3371

■ 23.9651, 0.2876,
0.5130

■ 33.4089, 0.3152,
0.3196

■ 23.5936, 0.2883,
0.5379


■ 35.5562, 0.3197,
0.3042


 23.3546, 0.2903,
0.5592

 37.9471, 0.3239,
0.2908

 23.2543, 0.2915,
0.5693

 40.5890, 0.3279,
0.2792

 43.4887, 0.3316,
0.2691

 46.6533, 0.3351,
0.2603

Harmonies

Analogous

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



27.0928, 0.3477, 0.4221



27.0928, 0.2972, 0.4035



27.0928, 0.2531, 0.3588

Triad

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



27.0928, 0.2972, 0.4035



27.0928, 0.2366, 0.2496



27.0928, 0.4076, 0.3383

Complementary

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



27.0928, 0.2972, 0.4035



18.0910, 0.3333, 0.2647

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.



27.0928, 0.3729, 0.2992



27.0928, 0.2972, 0.4035



27.0928, 0.2725, 0.2501

Square

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



27.0928, 0.2972, 0.4035



27.0928, 0.2205, 0.2689



27.0928, 0.3221, 0.2679



27.0928, 0.4138, 0.3782

Rectangle

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



27.0928, 0.2972, 0.4035



27.0928, 0.2328, 0.3241



27.0928, 0.3221, 0.2679



27.0928, 0.3988, 0.3248

Sweetspot

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



27.0939, 0.2972, 0.4035



55.4003, 0.3080, 0.3482



29.7720, 0.3496, 0.4164



12.4506, 0.3074, 0.3508



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.



27.0939, 0.2972, 0.4035



47.7641, 0.2943, 0.4228



27.7685, 0.2761, 0.3542



6.9493, 0.3085, 0.3462



18.9476, 0.2911, 0.5681



0.2884, 0.2706, 0.4941

Inverse Universe

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



18.0910, 0.3333, 0.2647



28.9812, 0.3391, 0.2510



17.4091, 0.3699, 0.3055



6.2977, 0.3173, 0.3124



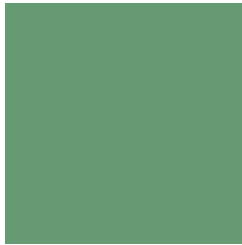
6.6329, 0.3929, 0.1938



0.1047, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 27.0928, 0.2972, 0.4035 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 27.0928, 0.2972, 0.4035 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 27.0928, 0.2972, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 27.0928, 0.2972, 0.4035.



This preview shows how white text looks on a background with the Yxy color 27.0928, 0.2972, 0.4035.

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

27.0928, 0.2972, 0.4035

Protanopia

26.7118, 0.3584, 0.3831

Deuteranopia

26.7029, 0.3636, 0.3573



Tritanopia

27.0329, 0.2666, 0.3084

Trichromacy



Original Color

27.0928, 0.2972, 0.4035

Protanomaly

26.6701, 0.3341, 0.3914

Deuteranomaly

26.5047, 0.3357, 0.3731

Tritanomaly

26.9217, 0.2780, 0.3413

Monochromacy



Original Color

27.0928, 0.2972, 0.4035

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.7196, 0.3062, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0928, 0.2972, 0.4035 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(101, 154, 114)` looks like.

```
.text, #text, p{  
    color:rgb(101, 154, 114)  
}
```

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(101, 154, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 154, 114) }
```

Border

The CSS property to change the border of an element to Yxy 27.0928, 0.2972, 0.4035 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(101, 154, 114) }
```

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

```
.border{ border-color:rgb(101, 154, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 154, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 154, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 154, 114); box-shadow:4px 4px 4px 4px rgb(101, 154, 114) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0928, 0.2972, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 154, 114) }
```

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

```
.background{ background-color: rgb(101,  
154, 114) }
```

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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