

Converting Colors

$Yxy(26.0525, 0.3004, 0.4107)$

Have a look what the booklet for
Yxy(26.0525, 0.3004, 0.4107)
contains.

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Color

Yxy(25.8686, 0.3004, 0.4108)

Conversions

Conversions Part 1

Format	Color
Hex	63976C
RGB	99, 151, 108
RGB Percent	39%, 59%, 42%
CMY	0.6119, 0.4078, 0.5764
CMYK	0.34, 0.00, 0.28, 0.41
HSL	130°, 21%, 49%
HSV	130°, 34%, 59%
XYZ	18.9166, 25.8686, 18.1861
YIQ	130.5500, -17.1890, -24.3970

Conversions

Conversions Part 2

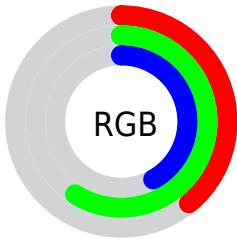
Format	Color
R_{YB}	99, 143, 151
Decimal	6526828
CIE _{Lab}	57.91, -26.66, 17.29
CIE _{LCh}	58, 31.778, 147.034
Yxy	25.8686, 0.3004, 0.4108
Android (android.graphics.Color)	4284716908 (0xFF63976C)
YUV	130.5500, -11.1172, -27.6694
Hunter-Lab	50.8612, -22.6184, 14.4029

Details

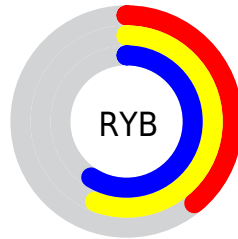
The Yxy color $25.8686, 0.3004, 0.4108$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.4493, 0.3283, 0.2592$, and the grayscale version is $22.5714, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2600, 0.3032, 0.3922$, and $10.0936, 0.2937, 0.4465$ is the 20% darker color. If you saturate the color by 10%, you get $24.8506, 0.2973, 0.4397$, and if you desaturate by 10%, it is $27.0858, 0.3039, 0.3840$.

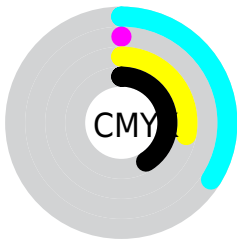
Distribution



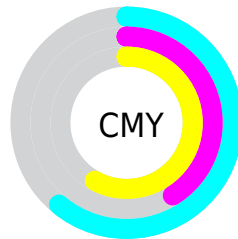
- Red (39%)
- Green (59%)
- Blue (42%)



- Red (39%)
- Yellow (56%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (28%)
- Black (41%)





- Cyan (61%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8686, 0.3004, 0.4108 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 25.8686, 0.3004, 0.4108 by changing the saturation by 10% instead.


 25.8686, 0.3004,
0.4108


 25.8686, 0.3004,
0.4108


282.1364, 0.3082,
0.3639


 16.7254, 0.2977,
0.4250


 53.0629, 0.3037,
0.3921


 10.0389, 0.2935,
0.4451


 71.8827, 0.3048,
0.3856

 5.4247, 0.2866,
0.4755

 94.6969, 0.3057,
0.3803

 2.4986, 0.2734,
0.5264

 121.8898, 0.3064,
0.3759

 0.8759, 0.1718,
0.8282

153.8458, 0.3070,
0.3722

 0.0000, 0.0000,
0.0000

190.9493, 0.3074,

0.3690

233.5847, 0.3078,
0.3663

■ 25.8686, 0.3004,
0.4108

■ 25.8686, 0.3004,
0.4108

■ 24.8506, 0.2973,
0.4397

■ 27.0858, 0.3039,
0.3840

■ 24.0180, 0.2948,
0.4698

■ 28.5087, 0.3075,
0.3596

■ 23.3606, 0.2930,
0.4999


■ 30.1475, 0.3111,
0.3379


■ 22.8654, 0.2924,
0.5283


■ 32.0105, 0.3147,
0.3187


■ 22.5180, 0.2928,
0.5533


■ 34.1060, 0.3181,
0.3020


 22.3006, 0.2943,
0.5733

 36.4415, 0.3212,
0.2874

 22.2117, 0.2950,
0.5822

 39.0244, 0.3242,
0.2748

 41.8616, 0.3270,
0.2639

 44.9599, 0.3296,
0.2544

Harmonies

Analogous

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



25.8686, 0.3535, 0.4274



25.8686, 0.3004, 0.4108



25.8686, 0.2531, 0.3648

Triad

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



25.8686, 0.3004, 0.4108



25.8686, 0.2306, 0.2465



25.8686, 0.4109, 0.3349

Complementary

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



25.8686, 0.3004, 0.4108



17.4493, 0.3283, 0.2592

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.



25.8686, 0.3722, 0.2945



25.8686, 0.3004, 0.4108



25.8686, 0.2665, 0.2455

Square

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



25.8686, 0.3004, 0.4108



25.8686, 0.2156, 0.2682



25.8686, 0.3179, 0.2628



25.8686, 0.4199, 0.3770

Rectangle

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



25.8686, 0.3004, 0.4108



25.8686, 0.2308, 0.3280



25.8686, 0.3179, 0.2628



25.8686, 0.4008, 0.3209

Sweetspot

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



25.8697, 0.3004, 0.4108



52.2521, 0.3090, 0.3500



28.8167, 0.3534, 0.4151



11.7916, 0.3086, 0.3529



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.



25.8697, 0.3004, 0.4108



44.9478, 0.2981, 0.4319



26.4985, 0.2789, 0.3608



6.9422, 0.3094, 0.3479



18.8968, 0.2948, 0.5813



0.2864, 0.2779, 0.5206

Inverse Universe

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



17.4493, 0.3283, 0.2592



27.6304, 0.3324, 0.2445



16.7657, 0.3646, 0.2997



6.3052, 0.3162, 0.3108



6.8553, 0.3692, 0.1807



0.1068, 0.3447, 0.1672

Previews

White Background



This preview shows how the Yxy color 25.8686, 0.3004, 0.4108 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 25.8686, 0.3004, 0.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

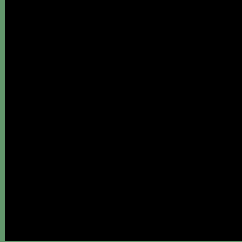
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8686, 0.3004, 0.4108

Background



This preview shows how black text looks on a background with the Yxy color 25.8686, 0.3004, 0.4108.



This preview shows how white text looks on a background with the Yxy color 25.8686, 0.3004, 0.4108.

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

25.8686, 0.3004, 0.4108

Protanopia

25.5258, 0.3638, 0.3888

Deuteranopia

25.5220, 0.3694, 0.3624



Tritanopia

25.9023, 0.2683, 0.3098

Trichromacy



Original Color

25.8686, 0.3004, 0.4108

Protanomaly

25.4697, 0.3387, 0.3978

Deuteranomaly

25.3071, 0.3404, 0.3791

Tritanomaly

25.7348, 0.2791, 0.3434

Monochromacy



Original Color

25.8686, 0.3004, 0.4108

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.5290, 0.3071, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8686, 0.3004, 0.4108 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(99, 151, 108)` looks like.

```
.text, #text, p{  
    color:rgb(99, 151, 108)  
}
```

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(99, 151, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 151, 108) }
```

Border

The CSS property to change the border of an element to Yxy 25.8686, 0.3004, 0.4108 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(99, 151, 108) }
```

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

```
.border{ border-color:rgb(99, 151, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 151, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 151, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 151, 108); box-shadow:4px 4px 4px 4px rgb(99, 151, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8686, 0.3004, 0.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 151, 108) }
```

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

```
.background{ background-color: rgb(99, 151,  
108) }
```

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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