

Converting Colors

$Y_{xy}(26.0603, 0.2887, 0.3676)$

Have a look what the booklet for
Yxy(26.0603, 0.2887, 0.3676)
contains.

Yxy(26.0567, 0.2887, 0.3675)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.0567, 0.2887, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	699580
RGB	105, 149, 128
RGB Percent	41%, 58%, 50%
CMY	0.5882, 0.4157, 0.4980
CMYK	0.30, 0.00, 0.14, 0.42
HSL	151°, 17%, 50%
HSV	151°, 30%, 58%
XYZ	20.4696, 26.0567, 24.3763
YIQ	133.4500, -19.4830, -15.8590

Conversions

Conversions Part 2

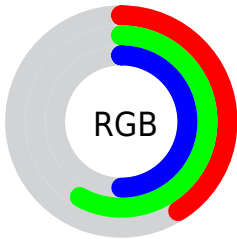
Format	Color
R_{YB}	105, 134, 149
Decimal	6919552
CIE _{Lab}	58.09, -19.65, 6.30
CIE _{LCh}	58, 20.638, 162.221
Yxy	26.0567, 0.2887, 0.3675
Android (android.graphics.Color)	4285109632 (0xFF699580)
YUV	133.4500, -2.6868, -24.9506
Hunter-Lab	51.0458, -17.7508, 7.4188

Details

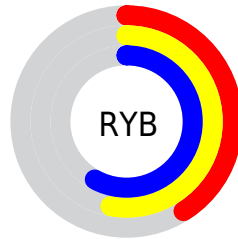
The Yxy color **26.0567, 0.2887, 0.3675** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.9983, 0.3460, 0.2936**, and the grayscale version is **23.6439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2162, 0.2936, 0.3583**, and **10.1406, 0.2795, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **25.0525, 0.2817, 0.3831**, and if you desaturate by 10%, it is **27.2342, 0.2965, 0.3532**.

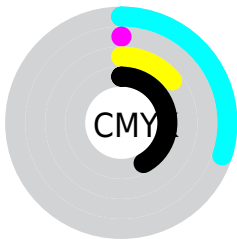
Distribution



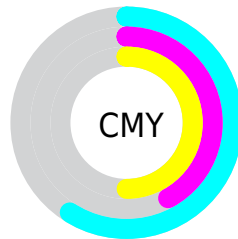
- Red (41%)
- Green (58%)
- Blue (50%)



- Red (41%)
- Yellow (53%)
- Blue (58%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)





- Cyan (59%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0567, 0.2887, 0.3675 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 26.0567, 0.2887, 0.3675 by changing the saturation by 10% instead.


 26.0567, 0.2887,
0.3675


 26.0567, 0.2887,
0.3675


283.0603, 0.3021,
0.3459


 16.8661, 0.2848,
0.3739


 53.3664, 0.2940,
0.3590

 10.1390, 0.2794,
0.3828


 72.2543, 0.2958,
0.3560

 5.4912, 0.2713,
0.3961

 95.1433, 0.2973,
0.3535

 2.5383, 0.2582,
0.4179

 122.4179, 0.2986,
0.3515

 0.8957, 0.2062,
0.4971

154.4626, 0.2997,
0.3498

 0.0000, 0.0000,
0.0000

191.6616, 0.3006,

0.3483

234.3994, 0.3014,
0.3470

■ 26.0567, 0.2887,
0.3675

■ 26.0567, 0.2887,
0.3675

■ 25.0525, 0.2817,
0.3831

■ 27.2342, 0.2965,
0.3532

■ 24.2100, 0.2756,
0.3998

■ 28.5898, 0.3047,
0.3402

■ 23.5208, 0.2709,
0.4174

■ 30.1319, 0.3131,
0.3285

■ 22.9748, 0.2679,
0.4356

■ 31.8675, 0.3216,
0.3181

■ 22.5605, 0.2666,
0.4539

■ 33.8032, 0.3300,
0.3089

■ 22.2643, 0.2673,
0.4719

■ 35.9452, 0.3381,
0.3007

■ 22.0542, 0.2694,
0.4893

■ 38.2997, 0.3460,
0.2936

■ 22.0449, 0.2695,
0.4901

■ 40.8724, 0.3536,
0.2874

■ 43.6688, 0.3608,
0.2819

Harmonies

Analogous

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



26.0567, 0.3231, 0.3884



26.0567, 0.2887, 0.3675



26.0567, 0.2617, 0.3349

Triad

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



26.0567, 0.2887, 0.3675



26.0567, 0.2690, 0.2717



26.0567, 0.3817, 0.3491

Complementary

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



26.0567, 0.2887, 0.3675



17.9983, 0.3460, 0.2936

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.



26.0567, 0.3657, 0.3202



26.0567, 0.2887, 0.3675



26.0567, 0.2993, 0.2772

Square

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



26.0567, 0.2887, 0.3675



26.0567, 0.2509, 0.2803



26.0567, 0.3349, 0.2946



26.0567, 0.3778, 0.3749

Rectangle

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



26.0567, 0.2887, 0.3675



26.0567, 0.2511, 0.3127



26.0567, 0.3349, 0.2946



26.0567, 0.3785, 0.3394

Sweetspot

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



26.0578, 0.2887, 0.3675



51.2896, 0.3050, 0.3397



26.9717, 0.3308, 0.4067



11.2903, 0.3039, 0.3414



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.0578, 0.2887, 0.3675



45.5169, 0.2842, 0.3770



26.4376, 0.2711, 0.3276



6.5161, 0.3050, 0.3398



18.5591, 0.2692, 0.4890



0.2331, 0.2482, 0.4134

Inverse Universe

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



17.9983, 0.3460, 0.2936



28.8368, 0.3555, 0.2859



17.6622, 0.3755, 0.3305



5.8587, 0.3212, 0.3185



5.7673, 0.5005, 0.2531



0.0765, 0.4092, 0.2028

Previews

White Background



This preview shows how the Yxy color 26.0567, 0.2887, 0.3675 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 26.0567, 0.2887, 0.3675 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 26.0567, 0.2887, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 26.0567, 0.2887, 0.3675.



This preview shows how white text looks on a background with the Yxy color 26.0567, 0.2887, 0.3675.

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

26.0567, 0.2887, 0.3675

Protanopia

25.9150, 0.3361, 0.3557

Deuteranopia

25.7568, 0.3413, 0.3339



Tritanopia

26.0646, 0.2692, 0.3082

Trichromacy



Original Color

26.0567, 0.2887, 0.3675

Protanomaly

25.8714, 0.3166, 0.3603

Deuteranomaly

25.3953, 0.3197, 0.3443

Tritanomaly

25.8843, 0.2767, 0.3289

Monochromacy



Original Color

26.0567, 0.2887, 0.3675

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3149, 0.3034, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0567, 0.2887, 0.3675 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(105, 149, 128)` looks like.

```
.text, #text, p{  
    color:rgb(105, 149, 128)  
}
```

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(105, 149, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 149, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.0567, 0.2887, 0.3675 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(105, 149, 128) }
```

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

```
.border{ border-color:rgb(105, 149, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 149, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(105, 149,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0567, 0.2887, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 149, 128) }
```

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

```
.background{ background-color: rgb(105,  
149, 128) }
```

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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