

Converting Colors

$Y_{xy}(26.4455, 0.2922, 0.3882)$

Have a look what the booklet for
Yxy(26.4455, 0.2922, 0.3882)
contains.

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Color

Yxy(26.5792, 0.2921, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	659878
RGB	101, 152, 120
RGB Percent	40%, 60%, 47%
CMY	0.6040, 0.4039, 0.5293
CMYK	0.34, 0.00, 0.21, 0.40
HSL	142°, 20%, 50%
HSV	142°, 34%, 60%
XYZ	19.9840, 26.5792, 21.8517
YIQ	133.1030, -20.1240, -20.7640

Conversions

Conversions Part 2

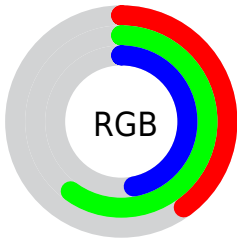
Format	Color
RYB	101, 138, 152
Decimal	6658168
CIELab	58.58, -24.16, 11.50
CIELCh	59, 26.757, 154.555
Yxy	26.5792, 0.2921, 0.3885
Android (android.graphics.Color)	4284848248 (0xFF659878)
YUV	133.1030, -6.4598, -28.1543
Hunter-Lab	51.5550, -21.0303, 10.9583

Details

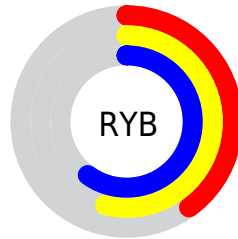
The Yxy color $26.5792, 0.2921, 0.3885$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.6713, 0.3414, 0.2764$, and the grayscale version is $23.5235, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3765, 0.2968, 0.3762$, and $10.4661, 0.2837, 0.4149$ is the 20% darker color. If you saturate the color by 10%, you get $25.5627, 0.2870, 0.4101$, and if you desaturate by 10%, it is $27.7832, 0.2979, 0.3686$.

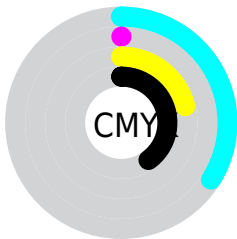
Distribution



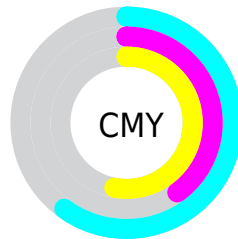
- Red (40%)
- Green (60%)
- Blue (47%)



- Red (40%)
- Yellow (54%)
- Blue (60%)



- Cyan (34%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)




- Cyan (60%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5792, 0.2921, 0.3885 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 26.5792, 0.2921, 0.3885 by changing the saturation by 10% instead.


 26.5792, 0.2921,
0.3885


 26.5792, 0.2921,
0.3885


285.6139, 0.3039,
0.3548

 17.2574, 0.2885,
0.3986


 54.2079, 0.2968,
0.3751

 10.4182, 0.2834,
0.4127


 73.2836, 0.2985,
0.3705

 5.6771, 0.2756,
0.4339

 96.3794, 0.2998,
0.3667

 2.6498, 0.2623,
0.4691

 123.8797, 0.3009,
0.3635

 0.9517, 0.2094,
0.6362

156.1689, 0.3019,
0.3608

 0.0000, 0.0000,
0.0000

193.6314, 0.3027,

0.3585

236.6516, 0.3033,
0.3565

■ 26.5792, 0.2921,
0.3885

■ 26.5792, 0.2921,
0.3885

■ 25.5627, 0.2870,
0.4101

■ 27.7832, 0.2979,
0.3686

■ 24.7209, 0.2828,
0.4330

■ 29.1802, 0.3041,
0.3505

■ 24.0441, 0.2799,
0.4568

■ 30.7799, 0.3104,
0.3343

■ 23.5208, 0.2785,
0.4806


■ 32.5899, 0.3168,
0.3200


■ 23.1376, 0.2789,
0.5037

■ 34.6177, 0.3230,
0.3073


 22.8787, 0.2810,
0.5251

 36.8703, 0.3291,
0.2962

 22.7511, 0.2827,
0.5378

 39.3546, 0.3349,
0.2864

 42.0768, 0.3404,
0.2780

 45.0432, 0.3456,
0.2706

Harmonies

Analogous

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



26.5792, 0.3367, 0.4096



26.5792, 0.2921, 0.3885



26.5792, 0.2548, 0.3476

Triad

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



26.5792, 0.2921, 0.3885



26.5792, 0.2495, 0.2573



26.5792, 0.3990, 0.3440

Complementary

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



26.5792, 0.2921, 0.3885



17.6713, 0.3414, 0.2764

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.



26.5792, 0.3723, 0.3084



26.5792, 0.2921, 0.3885



26.5792, 0.2841, 0.2603

Square

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



26.5792, 0.2921, 0.3885



26.5792, 0.2317, 0.2719



26.5792, 0.3291, 0.2786



26.5792, 0.4002, 0.3789

Rectangle

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



26.5792, 0.2921, 0.3885



26.5792, 0.2385, 0.3178



26.5792, 0.3291, 0.2786



26.5792, 0.3926, 0.3319

Sweetspot

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



26.5803, 0.2921, 0.3885



52.4141, 0.3062, 0.3449



28.4082, 0.3413, 0.4161



11.8325, 0.3054, 0.3470



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.



26.5803, 0.2921, 0.3885



45.5865, 0.2883, 0.4039



27.2744, 0.2716, 0.3410



6.9618, 0.3068, 0.3433



19.0803, 0.2824, 0.5365



0.2919, 0.2595, 0.4541

Inverse Universe

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



17.6713, 0.3414, 0.2764



27.4865, 0.3498, 0.2649



17.0569, 0.3779, 0.3176



6.2845, 0.3191, 0.3151



6.3004, 0.4398, 0.2197



0.1012, 0.3778, 0.1855

Previews

White Background



This preview shows how the Yxy color 26.5792, 0.2921, 0.3885 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 26.5792, 0.2921, 0.3885 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 26.5792, 0.2921, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 26.5792, 0.2921, 0.3885.



This preview shows how white text looks on a background with the Yxy color 26.5792, 0.2921, 0.3885.

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

26.5792, 0.2921, 0.3885

Protanopia

26.3606, 0.3501, 0.3720

Deuteranopia

26.2568, 0.3536, 0.3465



Tritanopia

26.6219, 0.2663, 0.3083

Trichromacy



Original Color

26.5792, 0.2921, 0.3885

Protanomaly

26.1130, 0.3275, 0.3778

Deuteranomaly

25.9688, 0.3288, 0.3596

Tritanomaly

26.6034, 0.2754, 0.3360

Monochromacy



Original Color

26.5792, 0.2921, 0.3885

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3796, 0.3042, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5792, 0.2921, 0.3885 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, 152, 120)` looks like.

```
.text, #text, p{  
    color:rgb(101, 152, 120)  
}
```

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, 152, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 152, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.5792, 0.2921, 0.3885 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, 152, 120) }
```

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

```
.border{ border-color:rgb(101, 152, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 152, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 152, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 152, 120);  
box-shadow:4px 4px 4px 4px rgb(101, 152,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5792, 0.2921, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 152, 120) }
```

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

```
.background{ background-color: rgb(101,  
152, 120) }
```

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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