

Converting Colors

$Y_{xy}(26.6656, 0.2920, 0.3092)$

Have a look what the booklet for
Yxy(26.6656, 0.2920, 0.3092)
contains.

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Color

Yxy(26.6656, 0.2920, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	858E9A
RGB	133, 142, 154
RGB Percent	52%, 56%, 60%
CMY	0.4783, 0.4432, 0.3961
CMYK	0.14, 0.08, 0.00, 0.40
HSL	214°, 9%, 56%
HSV	214°, 14%, 60%
XYZ	25.1823, 26.6656, 34.3928
YIQ	140.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

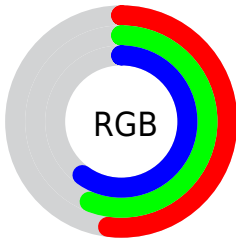
Format	Color
R_{YB}	133, 139, 154
Decimal	8752794
CIE _{Lab}	58.66, -0.69, -7.48
CIE _{LCh}	59, 7.508, 264.730
Yxy	26.6656, 0.2920, 0.3092
Android (android.graphics.Color)	4286942874 (0xFF858E9A)
YUV	140.6770, 6.5682, -6.7327
Hunter-Lab	51.6387, -3.3201, -3.3416

Details

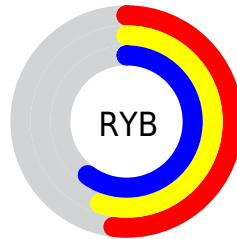
The Yxy color $26.6656, 0.2920, 0.3092$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.8278, 0.3344, 0.3480$, and the grayscale version is $26.4819, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4730, 0.2964, 0.3143$, and $10.4726, 0.2841, 0.3022$ is the 20% darker color. If you saturate the color by 10%, you get $22.9823, 0.2759, 0.2927$, and if you desaturate by 10%, it is $30.7425, 0.3074, 0.3240$.

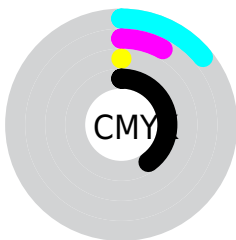
Distribution



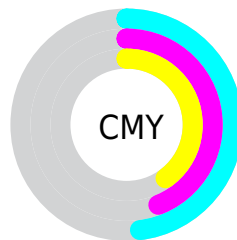
- Red (52%)
- Green (56%)
- Blue (60%)



- Red (52%)
- Yellow (55%)
- Blue (60%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6656, 0.2920, 0.3092 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 26.6656, 0.2920, 0.3092 by changing the saturation by 10% instead.

■ 26.6656, 0.2920,
0.3092

■ 26.6656, 0.2920,
0.3092

286.0344, 0.3033,
0.3200

■ 17.3222, 0.2888,
0.3062

■ 54.3468, 0.2963,
0.3134

■ 10.4645, 0.2845,
0.3020

■ 73.4534, 0.2979,
0.3149

■ 5.7080, 0.2784,
0.2960

■ 96.5832, 0.2992,
0.3161

■ 2.6684, 0.2687,
0.2867

124.1207, 0.3003,
0.3171

■ 0.9611, 0.2518,
0.2701

156.4501, 0.3012,
0.3180

■ 0.0000, 0.0000,
0.0000

193.9559, 0.3020,

0.3188

237.0226, 0.3027,
0.3194

■ 26.6656, 0.2920,
0.3092

■ 26.6656, 0.2920,
0.3092

■ 22.9823, 0.2759,
0.2927

■ 30.7425, 0.3074,
0.3240

■ 19.6766, 0.2594,
0.2746

■ 35.2219, 0.3219,
0.3373

■ 16.7361, 0.2428,
0.2550

■ 40.1163, 0.3354,
0.3489

■ 14.1464, 0.2266,
0.2341

■ 45.4369, 0.3480,
0.3592

■ 11.8919, 0.2113,
0.2125

■ 51.1942, 0.3597,
0.3683

■ 9.9558, 0.1975,
0.1907

■ 57.3983, 0.3704,
0.3762

■ 8.3191, 0.1857,
0.1693

■ 64.0593, 0.3802,
0.3831

■ 6.9602, 0.1765,
0.1491

■ 70.9518, 0.3882,
0.3893

■ 6.2085, 0.1714,
0.1369

■ 75.4968, 0.3847,
0.3977

Harmonies

Analogous

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



26.6656, 0.2884, 0.3160



26.6656, 0.2920, 0.3092



26.6656, 0.3011, 0.3077

Triad

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



26.6656, 0.2920, 0.3092



26.6656, 0.3348, 0.3308



26.6656, 0.3116, 0.3473

Complementary

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



26.6656, 0.2920, 0.3092



28.8278, 0.3344, 0.3480

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.



26.6656, 0.3241, 0.3512



26.6656, 0.2920, 0.3092



26.6656, 0.3377, 0.3413

Square

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



26.6656, 0.2920, 0.3092



26.6656, 0.3259, 0.3200



26.6656, 0.3337, 0.3489



26.6656, 0.2995, 0.3382

Rectangle

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



26.6656, 0.2920, 0.3092



26.6656, 0.3092, 0.3098



26.6656, 0.3337, 0.3489



26.6656, 0.3159, 0.3492

Sweetspot

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



26.6667, 0.2920, 0.3092



55.4853, 0.3067, 0.3234



30.1432, 0.3004, 0.3438



12.4340, 0.3056, 0.3224



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.



26.6667, 0.2920, 0.3092



46.5617, 0.2877, 0.3049



24.2205, 0.2931, 0.2942



6.4387, 0.2989, 0.3159



5.1264, 0.1718, 0.1384



0.1467, 0.1941, 0.2187

Inverse Universe

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



25.6068, 0.3270, 0.3148



44.3557, 0.3304, 0.3119



31.5407, 0.3310, 0.3619



6.2643, 0.3220, 0.3195



5.9228, 0.5213, 0.2645



0.0956, 0.4246, 0.2113

Previews

White Background



This preview shows how the Yxy color 26.6656, 0.2920, 0.3092 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 26.6656, 0.2920, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

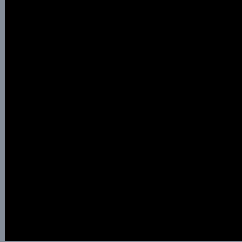
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

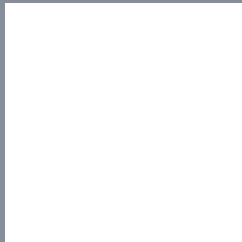
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6656, 0.2920, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 26.6656, 0.2920, 0.3092.

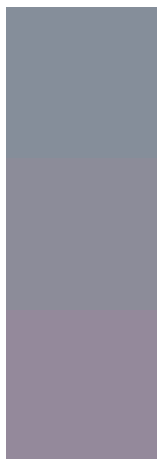


This preview shows how white text looks on a background with the Yxy color 26.6656, 0.2920, 0.3092.

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

26.6656, 0.2920, 0.3092

Protanopia

26.6315, 0.3000, 0.3079

Deuteranopia

26.5538, 0.3065, 0.3006



Tritanopia

26.6325, 0.2929, 0.3108

Trichromacy



Original Color

26.6656, 0.2920, 0.3092

Protanomaly

26.6680, 0.2969, 0.3094

Deuteranomaly

26.6714, 0.3012, 0.3034

Tritanomaly

26.6325, 0.2929, 0.3108

Monochromacy



Original Color

26.6656, 0.2920, 0.3092

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.5283, 0.3046, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6656, 0.2920, 0.3092 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(133, 142, 154)` looks like.

```
.text, #text, p{  
    color:rgb(133, 142, 154)  
}
```

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(133, 142, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 142, 154) }
```

Border

The CSS property to change the border of an element to Yxy 26.6656, 0.2920, 0.3092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

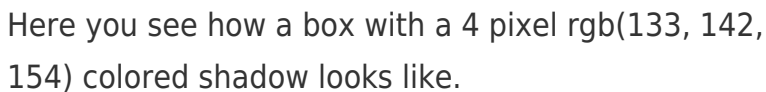
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 142, 154) }
```

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

```
.border{ border-color:rgb(133, 142, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 142, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 142, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 142, 154); box-shadow:4px 4px 4px 4px rgb(133, 142, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6656, 0.2920, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 142, 154) }
```

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

```
.background{ background-color: rgb(133,  
142, 154) }
```

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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