

Converting Colors

$Y_{xy}(26.4654, 0.2708, 0.3142)$

Have a look what the booklet for
Yxy(26.4654, 0.2708, 0.3142)
contains.

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Color

Yxy(26.6135, 0.2712, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	6F939B
RGB	111, 147, 155
RGB Percent	44%, 58%, 61%
CMY	0.5647, 0.4235, 0.3921
CMYK	0.28, 0.05, 0.00, 0.39
HSL	191°, 18%, 52%
HSV	191°, 28%, 61%
XYZ	22.9057, 26.6135, 34.9413
YIQ	137.1480, -24.0240, -5.1440

Conversions

Conversions Part 2

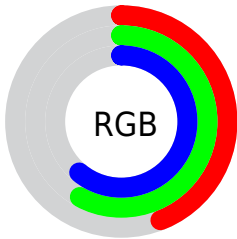
Format	Color
RYB	111, 131, 155
Decimal	7312283
CIELab	58.61, -10.46, -8.28
CIELCh	59, 13.345, 218.356
Yxy	26.6135, 0.2712, 0.3151
Android (android.graphics.Color)	4285502363 (0xFF6F939B)
YUV	137.1480, 8.8010, -22.9318
Hunter-Lab	51.5883, -11.0238, -4.0460

Details

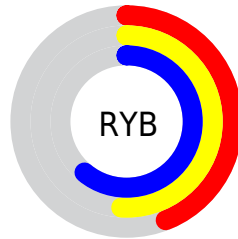
The Yxy color **26.6135, 0.2712, 0.3151** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3106, 0.3693, 0.3424**, and the grayscale version is **25.0485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2693, 0.2802, 0.3187**, and **10.3573, 0.2561, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **24.8289, 0.2579, 0.3095**, and if you desaturate by 10%, it is **28.5962, 0.2854, 0.3204**.

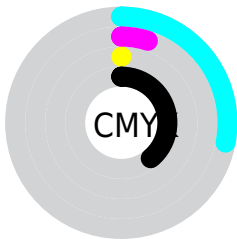
Distribution



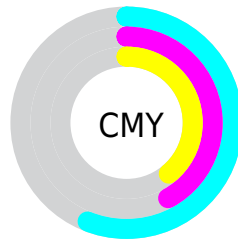
- Red (44%)
- Green (58%)
- Blue (61%)



- Red (44%)
- Yellow (51%)
- Blue (61%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)





- Cyan (56%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6135, 0.2712, 0.3151 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 26.6135, 0.2712, 0.3151 by changing the saturation by 10% instead.


 26.6135, 0.2712,
0.3151


 26.6135, 0.2712,
0.3151


285.7809, 0.2936,
0.3230


 17.2832, 0.2650,
0.3128


 54.2630, 0.2798,
0.3182

 10.4366, 0.2566,
0.3095


 73.3510, 0.2829,
0.3193

 5.6894, 0.2448,
0.3046

 96.4603, 0.2854,
0.3202

 2.6571, 0.2266,
0.2966

 123.9754, 0.2876,
0.3210

 0.9555, 0.1925,
0.2825

156.2806, 0.2894,
0.3216

 0.0000, 0.0000,
0.0000

193.7603, 0.2910,

0.3221

236.7989, 0.2924,
0.3226

■ 26.6135, 0.2712,
0.3151

■ 26.6135, 0.2712,
0.3151

■ 24.8289, 0.2579,
0.3095

■ 28.5962, 0.2854,
0.3204

■ 23.2301, 0.2457,
0.3035

■ 30.7823, 0.3001,
0.3252

■ 21.8081, 0.2349,
0.2973

■ 33.1808, 0.3151,
0.3297

■ 20.5518, 0.2258,
0.2909

■ 35.7993, 0.3302,
0.3337

■ 19.4490, 0.2185,
0.2845

■ 38.6448, 0.3451,
0.3373

■ 18.4852, 0.2130,
0.2781

■ 41.7243, 0.3597,
0.3405

■ 17.6325, 0.2091,
0.2717

■ 45.0441, 0.3738,
0.3433

■ 17.4990, 0.2085,
0.2706

■ 48.6104, 0.3874,
0.3457

■ 52.4293, 0.4004,
0.3478

Harmonies

Analogous

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



26.6135, 0.2815, 0.3359



26.6135, 0.2712, 0.3151



26.6135, 0.2715, 0.2992

Triad

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



26.6135, 0.2712, 0.3151



26.6135, 0.3243, 0.3046



26.6135, 0.3431, 0.3676

Complementary

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



26.6135, 0.2712, 0.3151



21.3106, 0.3693, 0.3424

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.



26.6135, 0.3555, 0.3574



26.6135, 0.2712, 0.3151



26.6135, 0.3445, 0.3213

Square

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



26.6135, 0.2712, 0.3151



26.6135, 0.3015, 0.2939



26.6135, 0.3561, 0.3404



26.6135, 0.3228, 0.3672

Rectangle

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



26.6135, 0.2712, 0.3151



26.6135, 0.2777, 0.2932



26.6135, 0.3561, 0.3404



26.6135, 0.3484, 0.3652

Sweetspot

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



26.6146, 0.2712, 0.3151



54.8031, 0.2989, 0.3249



28.1395, 0.3027, 0.3950



12.2789, 0.2969, 0.3242



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.



26.6146, 0.2712, 0.3151



45.6149, 0.2627, 0.3116



20.5832, 0.2673, 0.2766



6.8355, 0.2989, 0.3249



14.1051, 0.2087, 0.2712



0.2549, 0.2165, 0.2995

Inverse Universe

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



20.4446, 0.3255, 0.2720



32.9172, 0.3290, 0.2592



26.9712, 0.3602, 0.3763



6.3044, 0.3163, 0.3110



6.8292, 0.3717, 0.1821



0.1065, 0.3458, 0.1679

Previews

White Background



This preview shows how the Yxy color 26.6135, 0.2712, 0.3151 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 26.6135, 0.2712, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

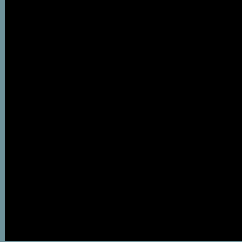
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

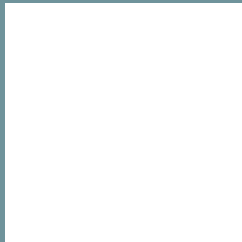
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6135, 0.2712, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 26.6135, 0.2712, 0.3151.



This preview shows how white text looks on a background with the Yxy color 26.6135, 0.2712, 0.3151.

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

26.6135, 0.2712, 0.3151

Protanopia

26.5336, 0.3029, 0.3127

Deuteranopia

26.5287, 0.3035, 0.2975



Tritanopia

26.4711, 0.2695, 0.3084

Trichromacy



Original Color

26.6135, 0.2712, 0.3151

Protanomaly

26.5790, 0.2899, 0.3139

Deuteranomaly

26.5184, 0.2911, 0.3044

Tritanomaly

26.4368, 0.2703, 0.3100

Monochromacy



Original Color

26.6135, 0.2712, 0.3151

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.6526, 0.2962, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6135, 0.2712, 0.3151 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(111, 147, 155)` looks like.

```
.text, #text, p{  
    color:rgb(111, 147, 155)  
}
```

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(111, 147, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 147, 155) }
```

Border

The CSS property to change the border of an element to Yxy 26.6135, 0.2712, 0.3151 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(111, 147, 155) }
```

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

```
.border{ border-color:rgb(111, 147, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 147, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 147, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 147, 155);  
box-shadow:4px 4px 4px 4px rgb(111, 147,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6135, 0.2712, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 147, 155) }
```

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

```
.background{ background-color: rgb(111,  
147, 155) }
```

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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