

Converting Colors

$Y_{xy}(20.1980, 0.2884, 0.2978)$

Have a look what the booklet for
Yxy(20.1980, 0.2884, 0.2978)
contains.

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Color

$Y_{xy}(20.2603, 0.2887, 0.2981)$

Conversions

Conversions Part 1

Format	Color
Hex	777C8D
RGB	119, 124, 141
RGB Percent	47%, 49%, 55%
CMY	0.5334, 0.5137, 0.4470
CMYK	0.16, 0.12, 0.00, 0.45
HSL	226°, 9%, 51%
HSV	226°, 16%, 55%
XYZ	19.6214, 20.2603, 28.0830
YIQ	124.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

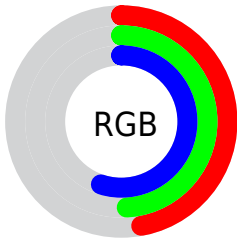
Format	Color
R_{YB}	119, 123, 141
Decimal	7830669
CIE Lab	52.13, 1.84, -9.84
CIE LCh	52, 10.014, 280.599
Yxy	20.2603, 0.2887, 0.2981
Android (android.graphics.Color)	4286020749 (0xFF777C8D)
YUV	124.4430, 8.1626, -4.7735
Hunter-Lab	45.0114, -0.9581, -5.4836

Details

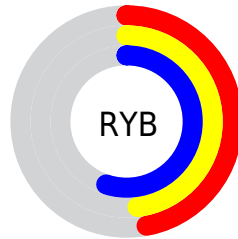
The Yxy color **20.2603, 0.2887, 0.2981** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **24.5999, 0.3365, 0.3581**, and the grayscale version is **20.2853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6487, 0.2936, 0.3039**, and **7.0896, 0.2781, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **16.7577, 0.2717, 0.2753**, and if you desaturate by 10%, it is **24.2137, 0.3044, 0.3185**.

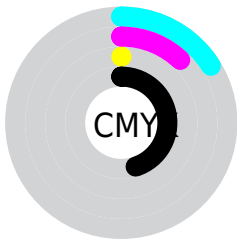
Distribution



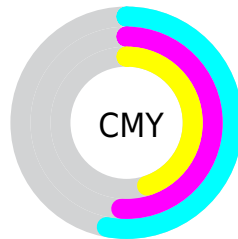
- Red (47%)
- Green (49%)
- Blue (55%)



- Red (47%)
- Yellow (48%)
- Blue (55%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.2603, 0.2887, 0.2981 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 20.2603, 0.2887, 0.2981 by changing the saturation by 10% instead.

■ 20.2603, 0.2887,
0.2981

■ 20.2603, 0.2887,
0.2981

253.3208, 0.3023,
0.3155

■ 12.5844, 0.2846,
0.2929

■ 43.8532, 0.2941,
0.3050

■ 7.1430, 0.2789,
0.2857

■ 60.5389, 0.2960,
0.3074

■ 3.5517, 0.2702,
0.2749

■ 80.9967, 0.2976,
0.3094

■ 1.4261, 0.2557,
0.2571

105.6110, 0.2988,
0.3110

■ 0.2358, 0.1856,
0.1627

134.7662, 0.2999,
0.3124

■ 0.0000, 0.0000,
0.0000

168.8466, 0.3008,

0.3136

208.2367, 0.3016,
0.3146

■ 20.2603, 0.2887,
0.2981

■ 20.2603, 0.2887,
0.2981

■ 16.7577, 0.2717,
0.2753

■ 24.2137, 0.3044,
0.3185

■ 13.6871, 0.2538,
0.2503

■ 28.6306, 0.3188,
0.3366

■ 11.0321, 0.2353,
0.2235

■ 33.5267, 0.3319,
0.3525

■ 8.7743, 0.2168,
0.1954

■ 38.9158, 0.3436,
0.3664

■ 6.8938, 0.1993,
0.1673

■ 44.8114, 0.3541,
0.3785

■ 5.3690, 0.1837,
0.1403

■ 51.2263, 0.3635,
0.3891

■ 4.1757, 0.1708,
0.1159

■ 58.1730, 0.3719,
0.3983

■ 3.2837, 0.1613,
0.0955

■ 65.6636, 0.3794,
0.4062

■ 2.9676, 0.1577,
0.0878

■ 73.7095, 0.3861,
0.4132

Harmonies

Analogous

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



20.2603, 0.2790, 0.3038



20.2603, 0.2887, 0.2981



20.2603, 0.3049, 0.3004

Triad

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



20.2603, 0.2887, 0.2981



20.2603, 0.3486, 0.3397



20.2603, 0.3012, 0.3496

Complementary

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



20.2603, 0.2887, 0.2981



24.5999, 0.3365, 0.3581

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.



20.2603, 0.3197, 0.3598



20.2603, 0.2887, 0.2981



20.2603, 0.3474, 0.3534

Square

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



20.2603, 0.2887, 0.2981



20.2603, 0.3398, 0.3239



20.2603, 0.3367, 0.3610



20.2603, 0.2861, 0.3335

Rectangle

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



20.2603, 0.2887, 0.2981



20.2603, 0.3174, 0.3059



20.2603, 0.3367, 0.3610



20.2603, 0.3072, 0.3539

Sweetspot

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



20.2611, 0.2887, 0.2981



43.7445, 0.3052, 0.3195



24.7496, 0.2946, 0.3381



9.6673, 0.3043, 0.3184



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



20.2611, 0.2887, 0.2981



33.8133, 0.2824, 0.2898



19.4601, 0.2951, 0.2895



5.4425, 0.2990, 0.3115



2.7263, 0.1579, 0.0884



0.0547, 0.1777, 0.1596

Inverse Universe

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



20.3074, 0.3347, 0.3203



33.9696, 0.3411, 0.3181



25.5494, 0.3286, 0.3671



5.4430, 0.3248, 0.3240



5.2616, 0.5937, 0.3044



0.0532, 0.4936, 0.2493

Previews

White Background



This preview shows how the Yxy color 20.2603, 0.2887, 0.2981 looks on a white background.

Color Contrast Check

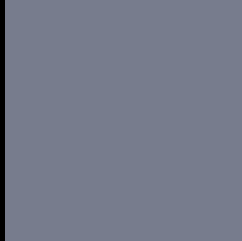
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2603, 0.2887, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

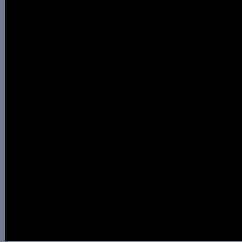
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

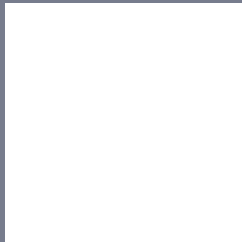
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 20.2603, 0.2887, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 20.2603, 0.2887, 0.2981.



This preview shows how white text looks on a background with the Yxy color 20.2603, 0.2887, 0.2981.

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

20.2603, 0.2887, 0.2981

Protanopia

20.2266, 0.2920, 0.2966

Deuteranopia

20.2169, 0.2978, 0.2920



Tritanopia

20.2681, 0.2938, 0.3105

Trichromacy



Original Color

20.2603, 0.2887, 0.2981

Protanomaly

20.1540, 0.2909, 0.2965

Deuteranomaly

20.2320, 0.2944, 0.2934

Tritanomaly

20.3249, 0.2918, 0.3069

Monochromacy



Original Color

20.2603, 0.2887, 0.2981

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.1646, 0.3037, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2603, 0.2887, 0.2981 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(119, 124, 141)` looks like.

```
.text, #text, p{  
    color:rgb(119, 124, 141)  
}
```

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(119, 124, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 124, 141) }
```

Border

The CSS property to change the border of an element to Yxy 20.2603, 0.2887, 0.2981 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(119, 124, 141) }
```

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

```
.border{ border-color:rgb(119, 124, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 124, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 124, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 124, 141);  
box-shadow:4px 4px 4px 4px rgb(119, 124,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 20.2603, 0.2887, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 124, 141) }
```

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

```
.background{ background-color: rgb(119,  
124, 141) }
```

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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