

Converting Colors

$Y_{xy}(25.8570, 0.2841, 0.2896)$

Have a look what the booklet for
Yxy(25.8570, 0.2841, 0.2896)
contains.

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Color

Yxy(25.7721, 0.2845, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	858AA2
RGB	133, 138, 162
RGB Percent	52%, 54%, 64%
CMY	0.4784, 0.4588, 0.3648
CMYK	0.18, 0.15, 0.00, 0.36
HSL	230°, 13%, 58%
HSV	230°, 18%, 64%
XYZ	25.2833, 25.7721, 37.8139
YIQ	139.2410, -10.6840, 6.4040

Conversions

Conversions Part 2

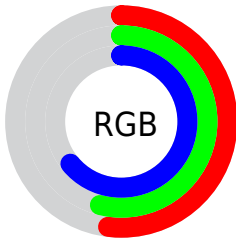
Format	Color
R_{YB}	133, 137, 162
Decimal	8751778
CIE _{Lab}	57.82, 3.37, -13.31
CIE _{LCh}	58, 13.726, 284.233
Yxy	25.7721, 0.2845, 0.2900
Android (android.graphics.Color)	4286941858 (0xFF858AA2)
YUV	139.2410, 11.2202, -5.4734
Hunter-Lab	50.7662, 0.0582, -8.6266

Details

The Yxy color $25.7721, 0.2845, 0.2900$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $33.4858, 0.3401, 0.3652$, and the grayscale version is $25.8765, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7105, 0.2901, 0.2974$, and $9.9442, 0.2745, 0.2765$ is the 20% darker color. If you saturate the color by 10%, you get $20.9409, 0.2667, 0.2646$, and if you desaturate by 10%, it is $31.2839, 0.3009, 0.3129$.

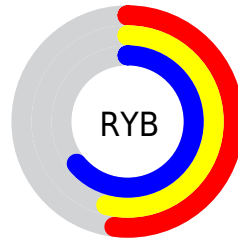
Distribution



Red (52%)

Green (54%)

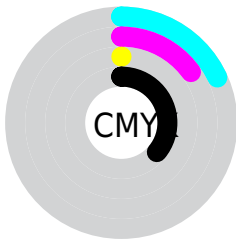
Blue (64%)



Red (52%)

Yellow (54%)

Blue (64%)

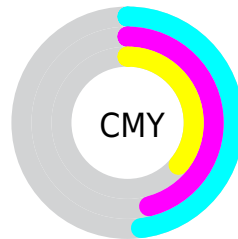


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (46%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7721, 0.2845, 0.2900 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 25.7721, 0.2845, 0.2900 by changing the saturation by 10% instead.

■ 25.7721, 0.2845,
0.2900

■ 25.7721, 0.2845,
0.2900

281.6615, 0.3000,
0.3111

■ 16.6532, 0.2801,
0.2841

■ 52.9071, 0.2905,
0.2981

■ 9.9876, 0.2742,
0.2762

■ 71.6919, 0.2926,
0.3010

■ 5.3907, 0.2656,
0.2650

■ 94.4676, 0.2944,
0.3034

■ 2.4783, 0.2523,
0.2478

121.6184, 0.2959,
0.3054

■ 0.8657, 0.2290,
0.2186

153.5289, 0.2971,
0.3072

■ 0.0000, 0.0000,
0.0000

190.5833, 0.2982,

0.3087

233.1660, 0.2991,
0.3100

■ 25.7721, 0.2845,
0.2900

■ 25.7721, 0.2845,
0.2900

■ 20.9409, 0.2667,
0.2646

■ 31.2839, 0.3009,
0.3129

■ 16.7607, 0.2479,
0.2368

■ 37.4983, 0.3157,
0.3331

■ 13.2042, 0.2285,
0.2072

■ 44.4400, 0.3291,
0.3508

■ 10.2411, 0.2094,
0.1770

■ 52.1317, 0.3409,
0.3663

■ 7.8382, 0.1916,
0.1474

■ 60.5951, 0.3515,
0.3797

■ 5.9592, 0.1762,
0.1203

■ 69.8509, 0.3608,
0.3913

■ 4.5633, 0.1643,
0.0973

■ 79.9191, 0.3690,
0.4013

■ 3.5950, 0.1561,
0.0796

■ 89.3487, 0.3709,
0.4117

■ 3.4320, 0.1546,
0.0766

■ 95.3879, 0.3678,
0.4200

Harmonies

Analogous

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



25.7721, 0.2713, 0.2957



25.7721, 0.2845, 0.2900



25.7721, 0.3055, 0.2941

Triad

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



25.7721, 0.2845, 0.2900



25.7721, 0.3588, 0.3445



25.7721, 0.2954, 0.3530

Complementary

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



25.7721, 0.2845, 0.2900



33.4858, 0.3401, 0.3652

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.



25.7721, 0.3185, 0.3673



25.7721, 0.2845, 0.2900



25.7721, 0.3556, 0.3613

Square

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



25.7721, 0.2845, 0.2900



25.7721, 0.3490, 0.3248



25.7721, 0.3406, 0.3700



25.7721, 0.2774, 0.3318

Rectangle

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



25.7721, 0.2845, 0.2900



25.7721, 0.3215, 0.3017



25.7721, 0.3406, 0.3700



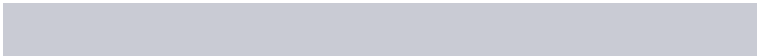
25.7721, 0.3028, 0.3588

Sweetspot

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



25.7732, 0.2845, 0.2900



59.8217, 0.3052, 0.3187



33.2442, 0.2907, 0.3373



13.2710, 0.3041, 0.3173



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.7732, 0.2845, 0.2900



43.5751, 0.2784, 0.2813



25.1556, 0.2935, 0.2829



7.0478, 0.2987, 0.3098



2.7507, 0.1549, 0.0777



0.1098, 0.1701, 0.1322

Inverse Universe

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



26.2943, 0.3407, 0.3214



44.7464, 0.3475, 0.3198



34.2807, 0.3297, 0.3736



7.1049, 0.3259, 0.3252



6.1218, 0.6107, 0.3138



0.1339, 0.5296, 0.2691

Previews

White Background



This preview shows how the Yxy color 25.7721, 0.2845, 0.2900 looks on a white background.

Color Contrast Check

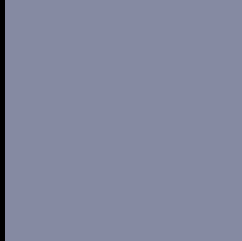
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7721, 0.2845, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

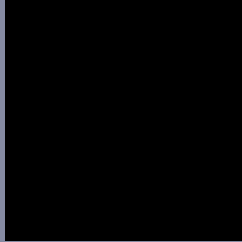
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7721, 0.2845, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 25.7721, 0.2845, 0.2900.



This preview shows how white text looks on a background with the Yxy color 25.7721, 0.2845, 0.2900.

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

25.7721, 0.2845, 0.2900

Protanopia

25.8539, 0.2855, 0.2901

Deuteranopia

25.5993, 0.2924, 0.2860



Tritanopia

25.8158, 0.2926, 0.3106

Trichromacy



Original Color

25.7721, 0.2845, 0.2900

Protanomaly

25.8539, 0.2855, 0.2901

Deuteranomaly

25.6202, 0.2893, 0.2872

Tritanomaly

25.7373, 0.2899, 0.3025

Monochromacy



Original Color

25.7721, 0.2845, 0.2900

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8902, 0.3026, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7721, 0.2845, 0.2900 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, 138, 162)` looks like.

```
.text, #text, p{  
    color:rgb(133, 138, 162)  
}
```

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, 138, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 138, 162) }
```

Border

The CSS property to change the border of an element to Yxy 25.7721, 0.2845, 0.2900 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, 138, 162) }
```

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

```
.border{ border-color:rgb(133, 138, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 138, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 138, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 138, 162);  
box-shadow:4px 4px 4px 4px rgb(133, 138,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7721, 0.2845, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 138, 162) }
```

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

```
.background{ background-color: rgb(133,  
138, 162) }
```

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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