

Converting Colors

$Y_{xy}(25.1618, 0.2717, 0.2746)$

Have a look what the booklet for
Yxy(25.1618, 0.2717, 0.2746)
contains.

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Color

Yxy(25.0226, 0.2715, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	7F88AA
RGB	127, 136, 170
RGB Percent	50%, 53%, 67%
CMY	0.5020, 0.4667, 0.3333
CMYK	0.25, 0.20, 0.00, 0.33
HSL	227°, 20%, 58%
HSV	227°, 25%, 67%
XYZ	24.8124, 25.0226, 41.5551
YIQ	137.1850, -16.2780, 8.6660

Conversions

Conversions Part 2

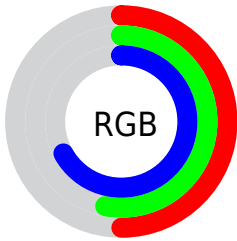
Format	Color
RYB	127, 134, 170
Decimal	8358058
CIELab	57.10, 4.48, -19.04
CIElCh	57, 19.562, 283.241
Yxy	25.0226, 0.2715, 0.2738
Android (android.graphics.Color)	4286548138 (0xFF7F88AA)
YUV	137.1850, 16.1778, -8.9322
Hunter-Lab	50.0226, 1.0007, -14.2379

Details

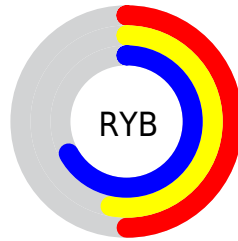
The Yxy color $25.0226, 0.2715, 0.2738$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $35.5700, 0.3530, 0.3787$, and the grayscale version is $25.0326, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5347, 0.2801, 0.2853$, and $9.5414, 0.2564, 0.2533$ is the 20% darker color. If you saturate the color by 10%, you get $20.2747, 0.2531, 0.2477$, and if you desaturate by 10%, it is $30.4676, 0.2888, 0.2975$.

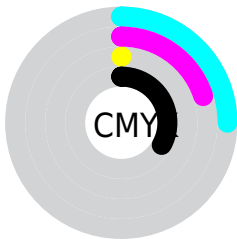
Distribution



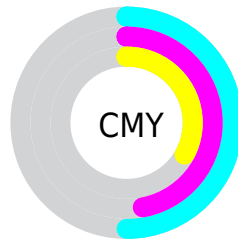
- Red (50%)
- Green (53%)
- Blue (67%)



- Red (50%)
- Yellow (53%)
- Blue (67%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0226, 0.2715, 0.2738 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 25.0226, 0.2715, 0.2738 by changing the saturation by 10% instead.

■ 25.0226, 0.2715,
0.2738

■ 25.0226, 0.2715,
0.2738

■ 277.9505, 0.2941,
0.3036

■ 16.0939, 0.2652,
0.2656

■ 51.6939, 0.2802,
0.2852

■ 9.5906, 0.2565,
0.2547

■ 70.2053, 0.2833,
0.2893

■ 5.1284, 0.2443,
0.2393

■ 92.6796, 0.2859,
0.2927

■ 2.3228, 0.2254,
0.2162

■ 119.5014, 0.2881,
0.2955

■ 0.7857, 0.1938,
0.1778

■ 151.0550, 0.2899,
0.2980

■ 0.0000, 0.0000,
0.0000

187.7248, 0.2915,

0.3001

229.8951, 0.2929,
0.3019

■ 25.0226, 0.2715,
0.2738

■ 25.0226, 0.2715,
0.2738

■ 20.2747, 0.2531,
0.2477

■ 30.4676, 0.2888,
0.2975

■ 16.1923, 0.2341,
0.2197

■ 36.6337, 0.3048,
0.3188

■ 12.7459, 0.2152,
0.1906

■ 43.5471, 0.3194,
0.3375

■ 9.9024, 0.1973,
0.1615

■ 51.2322, 0.3325,
0.3540

■ 7.6256, 0.1814,
0.1340

■ 59.7118, 0.3442,
0.3683

■ 5.8751, 0.1686,
0.1096

■ 69.0082, 0.3547,
0.3807

■ 4.6037, 0.1596,
0.0898

■ 79.1426, 0.3640,
0.3915

■ 4.1395, 0.1561,
0.0821

■ 88.5854, 0.3666,
0.4023

■ 95.6825, 0.3632,
0.4124

Harmonies

Analogous

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



25.0226, 0.2536, 0.2817



25.0226, 0.2715, 0.2738



25.0226, 0.3010, 0.2794

Triad

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



25.0226, 0.2715, 0.2738



25.0226, 0.3792, 0.3493



25.0226, 0.2886, 0.3650

Complementary

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



25.0226, 0.2715, 0.2738



35.5700, 0.3530, 0.3787

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.



25.0226, 0.3216, 0.3855



25.0226, 0.2715, 0.2738



25.0226, 0.3748, 0.3739

Square

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



25.0226, 0.2715, 0.2738



25.0226, 0.3644, 0.3215



25.0226, 0.3534, 0.3881



25.0226, 0.2630, 0.3336

Rectangle

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



25.0226, 0.2715, 0.2738



25.0226, 0.3238, 0.2898



25.0226, 0.3534, 0.3881



25.0226, 0.2992, 0.3735

Sweetspot

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



25.0236, 0.2715, 0.2738



63.1404, 0.3004, 0.3130



35.8261, 0.2832, 0.3435



13.7059, 0.2981, 0.3099



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.0236, 0.2715, 0.2738



40.7243, 0.2620, 0.2604



23.5861, 0.2825, 0.2611



7.5456, 0.2986, 0.3106



3.1129, 0.1566, 0.0837



0.1446, 0.1727, 0.1418

Inverse Universe

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



25.5031, 0.3540, 0.3155



41.9201, 0.3656, 0.3126



37.5351, 0.3382, 0.3933



7.5671, 0.3254, 0.3243



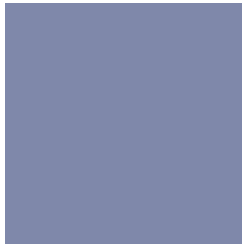
6.3853, 0.6011, 0.3085



0.1623, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 25.0226, 0.2715, 0.2738 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 25.0226, 0.2715, 0.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

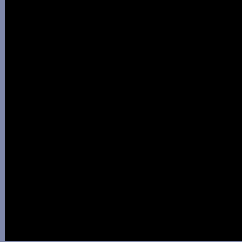
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

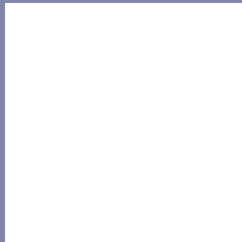
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.0226, 0.2715, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 25.0226, 0.2715, 0.2738.



This preview shows how white text looks on a background with the Yxy color 25.0226, 0.2715, 0.2738.

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

25.0226, 0.2715, 0.2738

Protanopia

25.1777, 0.2734, 0.2741

Deuteranopia

24.9390, 0.2770, 0.2714



Tritanopia

24.9106, 0.2846, 0.3084

Trichromacy



Original Color

25.0226, 0.2715, 0.2738

Protanomaly

25.0998, 0.2724, 0.2740

Deuteranomaly

25.0555, 0.2752, 0.2727

Tritanomaly

24.9307, 0.2792, 0.2953

Monochromacy



Original Color

25.0226, 0.2715, 0.2738

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0478, 0.2965, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0226, 0.2715, 0.2738 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(127, 136, 170)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 170)  
}
```

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(127, 136, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 170) }
```

Border

The CSS property to change the border of an element to Yxy 25.0226, 0.2715, 0.2738 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(127, 136, 170) }
```

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

```
.border{ border-color:rgb(127, 136, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 136, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 170);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0226, 0.2715, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 136, 170) }
```

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

```
.background{ background-color: rgb(127,  
136, 170) }
```

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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