

Converting Colors

$Y_{xy}(25.7661, 0.2938, 0.2707)$

Have a look what the booklet for
Yxy(25.7661, 0.2938, 0.2707)
contains.

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Color

Yxy(25.8888, 0.2940, 0.2710)

Conversions

Conversions Part 1

Format	Color
Hex	9684AA
RGB	150, 132, 170
RGB Percent	59%, 52%, 67%
CMY	0.4118, 0.4824, 0.3333
CMYK	0.12, 0.22, 0.00, 0.33
HSL	268°, 18%, 59%
HSV	268°, 22%, 67%
XYZ	28.0860, 25.8888, 41.5558
YIQ	141.7140, -1.4700, 15.6340

Conversions

Conversions Part 2

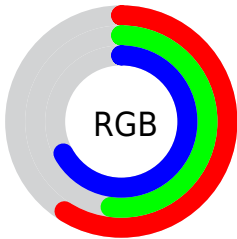
Format	Color
R _Y B	150, 132, 170
Decimal	9864362
CIE _{Lab}	57.93, 14.36, -17.61
CIE _{LCh}	58, 22.721, 309.209
Y _{xy}	25.8888, 0.2940, 0.2710
Android (android.graphics.Color)	4288054442 (0xFF9684AA)
Y _{UV}	141.7140, 13.9450, 7.2668
Hunter-Lab	50.8810, 9.4890, -12.8069

Details

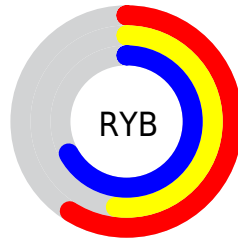
The Yxy color **25.8888, 0.2940, 0.2710** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.0995, 0.3283, 0.3868**, and the grayscale version is **26.8766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9715, 0.2981, 0.2828**, and **9.9952, 0.2866, 0.2505** is the 20% darker color. If you saturate the color by 10%, you get **20.8313, 0.2835, 0.2423**, and if you desaturate by 10%, it is **31.7648, 0.3032, 0.2982**.

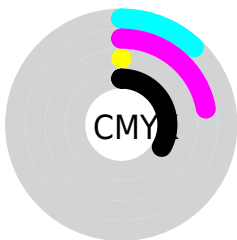
Distribution



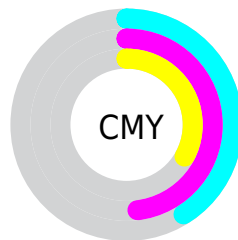
- Red (59%)
- Green (52%)
- Blue (67%)



- Red (59%)
- Yellow (52%)
- Blue (67%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)





- Cyan (41%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8888, 0.2940, 0.2710 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 25.8888, 0.2940, 0.2710 by changing the saturation by 10% instead.


 25.8888, 0.2940,
0.2710


 25.8888, 0.2940,
0.2710


282.2358, 0.3046,
0.3017


 16.7405, 0.2909,
0.2628


 53.0955, 0.2982,
0.2826

 10.0496, 0.2866,
0.2519


 71.9227, 0.2996,
0.2868

 5.4319, 0.2803,
0.2369


 94.7449, 0.3008,
0.2903

 2.5028, 0.2704,
0.2148

121.9466, 0.3018,
0.2933

 0.8780, 0.2524,
0.1796

153.9121, 0.3027,
0.2958

 0.0000, 0.1193,
0.0000

191.0259, 0.3034,

 0.0000, 0.0000,

0.2980

0.0000

233.6723, 0.3040,
0.3000

■ 25.8888, 0.2940,
0.2710

■ 25.8888, 0.2940,
0.2710

■ 20.8313, 0.2835,
0.2423

■ 31.7648, 0.3032,
0.2982

■ 16.5512, 0.2718,
0.2127

■ 38.4914, 0.3110,
0.3234

■ 13.0089, 0.2591,
0.1833

■ 46.1028, 0.3177,
0.3464

■ 10.1595, 0.2456,
0.1554

■ 54.6304, 0.3234,
0.3672

■ 7.9533, 0.2319,
0.1306

■ 64.1040, 0.3281,
0.3858

6.3336, 0.2187,
0.1101

74.5521, 0.3320,
0.4024

5.2332, 0.2064,
0.0951

86.0018, 0.3353,
0.4173

4.6304, 0.1979,
0.0864

89.8919, 0.3405,
0.4192

91.3399, 0.3465,
0.4174

Harmonies

Analogous

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



25.8888, 0.2620, 0.2664



25.8888, 0.2940, 0.2710



25.8888, 0.3332, 0.2888

Triad

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



25.8888, 0.2940, 0.2710



25.8888, 0.3859, 0.3767



25.8888, 0.2590, 0.3392

Complementary

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



25.8888, 0.2940, 0.2710



37.0995, 0.3283, 0.3868

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.



25.8888, 0.2897, 0.3748



25.8888, 0.2940, 0.2710



25.8888, 0.3633, 0.3956

Square

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



25.8888, 0.2940, 0.2710



25.8888, 0.3881, 0.3475



25.8888, 0.3278, 0.3961



25.8888, 0.2428, 0.3029

Rectangle

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



25.8888, 0.2940, 0.2710



25.8888, 0.3579, 0.3062



25.8888, 0.3278, 0.3961



25.8888, 0.2679, 0.3518

Sweetspot

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



25.8899, 0.2940, 0.2710



63.8100, 0.3074, 0.3116



30.3551, 0.2782, 0.3011



14.0747, 0.3070, 0.3102



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.



25.8899, 0.2940, 0.2710



42.0765, 0.2888, 0.2564



27.8132, 0.3139, 0.2744



7.4682, 0.3057, 0.3062



3.4381, 0.1990, 0.0870



0.1143, 0.2378, 0.1084

Inverse Universe

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



27.3184, 0.3345, 0.2995



45.2012, 0.3408, 0.2925



35.4308, 0.3110, 0.3899



7.6058, 0.3207, 0.3172



6.8348, 0.4812, 0.2425



0.1765, 0.4153, 0.2062

Previews

White Background



This preview shows how the Yxy color 25.8888, 0.2940, 0.2710 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 25.8888, 0.2940, 0.2710 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 25.8888, 0.2940, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 25.8888, 0.2940, 0.2710.



This preview shows how white text looks on a background with the Yxy color 25.8888, 0.2940, 0.2710.

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

25.8888, 0.2940, 0.2710

Protanopia

26.0582, 0.2722, 0.2719

Deuteranopia

25.8762, 0.2830, 0.2769



Tritanopia

25.8259, 0.3124, 0.3113

Trichromacy



Original Color

25.8888, 0.2940, 0.2710

Protanomaly

26.0287, 0.2795, 0.2711

Deuteranomaly

25.9433, 0.2869, 0.2759

Tritanomaly

25.8975, 0.3055, 0.2973

Monochromacy



Original Color

25.8888, 0.2940, 0.2710

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4637, 0.3062, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8888, 0.2940, 0.2710 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(150, 132, 170)` looks like.

```
.text, #text, p{  
    color:rgb(150, 132, 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(150, 132, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 132, 170) }
```

Border

The CSS property to change the border of an element to Yxy 25.8888, 0.2940, 0.2710 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(150, 132, 170) }
```

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

```
.border{ border-color:rgb(150, 132, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 132, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 132, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 132, 170);  
box-shadow:4px 4px 4px 4px rgb(150, 132,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8888, 0.2940, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 132, 170) }
```

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

```
.background{ background-color: rgb(150,  
132, 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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