

Converting Colors

$Y_{xy}(25.7862, 0.2213, 0.2838)$

Have a look what the booklet for
Yxy(25.7862, 0.2213, 0.2838)
contains.

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Color

Yxy(25.9208, 0.2214, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	3197B0
RGB	49, 151, 176
RGB Percent	19%, 59%, 69%
CMY	0.8076, 0.4079, 0.3098
CMYK	0.72, 0.14, 0.00, 0.31
HSL	192°, 56%, 44%
HSV	192°, 72%, 69%
XYZ	20.1718, 25.9208, 45.0175
YIQ	123.3520, -68.8170, -13.8490

Conversions

Conversions Part 2

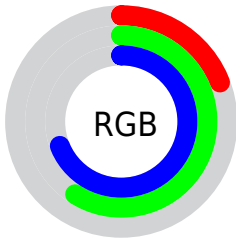
Format	Color
R_{YB}	49, 106, 176
Decimal	3250096
CIE _{Lab}	57.96, -20.56, -21.47
CIE _{LCh}	58, 29.727, 226.250
Yxy	25.9208, 0.2214, 0.2845
Android (android.graphics.Color)	4281440176 (0xFF3197B0)
YUV	123.3520, 25.9555, -65.2067
Hunter-Lab	50.9125, -18.3743, -16.7862

Details

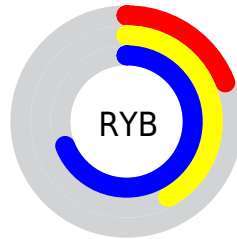
The Yxy color **25.9208, 0.2214, 0.2845** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **14.3588, 0.5248, 0.3603**, and the grayscale version is **19.8643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9995, 0.2394, 0.2936**, and **10.5444, 0.2084, 0.2702** is the 20% darker color. If you saturate the color by 10%, you get **24.4662, 0.2147, 0.2774**, and if you desaturate by 10%, it is **27.5810, 0.2300, 0.2916**.

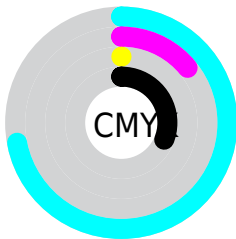
Distribution



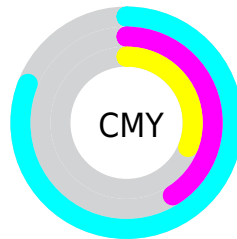
- Red (19%)
- Green (59%)
- Blue (69%)



- Red (19%)
- Yellow (42%)
- Blue (69%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (81%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9208, 0.2214, 0.2845 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 25.9208, 0.2214, 0.2845 by changing the saturation by 10% instead.

■ 25.9208, 0.2214,
0.2845

■ 25.9208, 0.2214,
0.2845

■ 282.3931, 0.2696,
0.3100

■ 16.7644, 0.2087,
0.2770

■ 53.1471, 0.2395,
0.2946

■ 10.0667, 0.1920,
0.2666

■ 71.9859, 0.2461,
0.2981

■ 5.4432, 0.1694,
0.2516

■ 94.8209, 0.2517,
0.3010

■ 2.5096, 0.1377,
0.2281

■ 122.0365, 0.2563,
0.3034

■ 0.8814, 0.0732,
0.1922

■ 154.0171, 0.2604,
0.3054

■ 0.0000, 0.0000,
0.0000

191.1471, 0.2639,

0.3072

233.8110, 0.2669,
0.3087

■ 25.9208, 0.2214,
0.2845

■ 25.9208, 0.2214,
0.2845

■ 24.4662, 0.2147,
0.2774

■ 27.5810, 0.2300,
0.2916

■ 23.1929, 0.2098,
0.2703

■ 29.4621, 0.2404,
0.2985

■ 22.2837, 0.2069,
0.2648

■ 31.5808, 0.2523,
0.3051

■ 33.9513, 0.2655,
0.3115

■ 36.5866, 0.2796,
0.3174

■ 39.4988, 0.2944,
0.3229

■ 42.6991, 0.3095,
0.3280

■ 46.1979, 0.3247,
0.3326

■ 50.0053, 0.3397,
0.3366

Harmonies

Analogous

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



25.9208, 0.2365, 0.3297



25.9208, 0.2214, 0.2845



25.9208, 0.2280, 0.2566

Triad

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



25.9208, 0.2214, 0.2845



25.9208, 0.3509, 0.2847



25.9208, 0.3678, 0.4189

Complementary

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



25.9208, 0.2214, 0.2845



14.3588, 0.5248, 0.3603

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.



25.9208, 0.4030, 0.3970



25.9208, 0.2214, 0.2845



25.9208, 0.3942, 0.3207

Square

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



25.9208, 0.2214, 0.2845



25.9208, 0.2994, 0.2590



25.9208, 0.4135, 0.3607



25.9208, 0.3195, 0.4143

Rectangle

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



25.9208, 0.2214, 0.2845



25.9208, 0.2440, 0.2491



25.9208, 0.4135, 0.3607



25.9208, 0.3816, 0.4140

Sweetspot

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



25.9217, 0.2214, 0.2845



66.2226, 0.2792, 0.3173



32.1798, 0.2918, 0.5223



14.0695, 0.2755, 0.3158



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.9217, 0.2214, 0.2845



42.8584, 0.2113, 0.2729



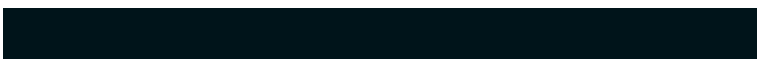
10.9763, 0.1918, 0.1658



9.3414, 0.2986, 0.3244



16.4312, 0.2071, 0.2655



0.5897, 0.2125, 0.2851

Inverse Universe

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



13.6662, 0.3570, 0.1984



21.3857, 0.3695, 0.1870



27.0064, 0.4470, 0.4432



8.6175, 0.3167, 0.3109



8.1989, 0.3771, 0.1851



0.2653, 0.3588, 0.1750

Previews

White Background



This preview shows how the Yxy color 25.9208, 0.2214, 0.2845 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 25.9208, 0.2214, 0.2845 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 25.9208, 0.2214, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 25.9208, 0.2214, 0.2845.

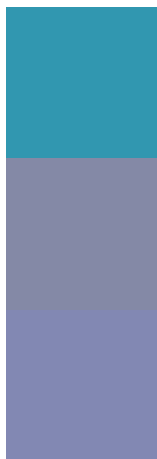


This preview shows how white text looks on a background with the Yxy color 25.9208, 0.2214, 0.2845.

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

25.9208, 0.2214, 0.2845

Protanopia

25.5500, 0.2798, 0.2821

Deuteranopia

25.6088, 0.2669, 0.2614



Tritanopia

25.9705, 0.2255, 0.3067

Trichromacy



Original Color

25.9208, 0.2214, 0.2845

Protanomaly

25.0731, 0.2513, 0.2812

Deuteranomaly

25.0308, 0.2447, 0.2671

Tritanomaly

25.8565, 0.2239, 0.2979

Monochromacy



Original Color

25.9208, 0.2214, 0.2845

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.2148, 0.2659, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9208, 0.2214, 0.2845 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(49, 151, 176)` looks like.

```
.text, #text, p{  
    color:rgb(49, 151, 176)  
}
```

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(49, 151, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 151, 176) }
```

Border

The CSS property to change the border of an element to Yxy 25.9208, 0.2214, 0.2845 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(49, 151, 176) }
```

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

```
.border{ border-color:rgb(49, 151, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 151, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 151, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 151, 176);  
box-shadow:4px 4px 4px 4px rgb(49, 151,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9208, 0.2214, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 151, 176) }
```

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

```
.background{ background-color: rgb(49, 151,  
176) }
```

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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