

Converting Colors

$Yxy(25.2541, 0.1913, 0.2086)$

Have a look what the booklet for
Yxy(25.2541, 0.1913, 0.2086)
contains.

| | |
|--|----|
| Yxy(25.2204, 0.1912, 0.2082) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

$\text{Yxy}(25.2204, 0.1912, 0.2082)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0090DE |
| RGB | 0, 144, 222 |
| RGB Percent | 0%, 56%, 87% |
| CMY | 0.9985, 0.4353, 0.1294 |
| CMYK | 1.00, 0.35, 0.00, 0.13 |
| HSL | 201°, 100%, 44% |
| HSV | 201°, 100%, 87% |
| XYZ | 23.1611, 25.2204, 72.7539 |
| YIQ | 109.8360, -110.8620, -6.2700 |

Conversions

Conversions Part 2

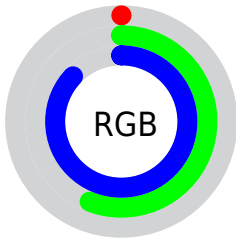
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 87, 222 |
| Decimal | 37086 |
| CIELab | 57.29, -3.60, -48.49 |
| CIELCh | 57, 48.621, 265.754 |
| Yxy | 25.2204, 0.1912, 0.2082 |
| Android (android.graphics.Color) | 4278227166 (0xFF0090DE) |
| YUV | 109.8360, 55.2969, -96.3262 |
| Hunter-Lab | 50.2199, -5.5618, -50.7399 |

Details

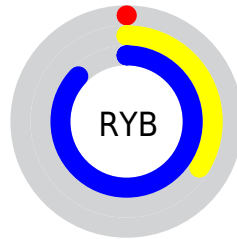
The Yxy color **25.2204, 0.1912, 0.2082** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **21.0361, 0.5845, 0.3739**, and the grayscale version is **15.4405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0956, 0.2233, 0.2559**, and **10.7586, 0.1838, 0.1817** is the 20% darker color. If you saturate the color by 10%, you get **25.1768, 0.1911, 0.2080**, and if you desaturate by 10%, it is **27.8457, 0.1966, 0.2214**.

Distribution



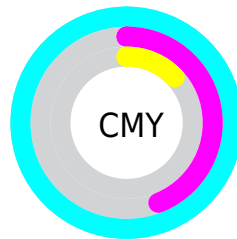
- Red (0%)
- Green (56%)
- Blue (87%)



- Red (0%)
- Yellow (34%)
- Blue (87%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2204, 0.1912, 0.2082 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 25.2204, 0.1912, 0.2082 by changing the saturation by 10% instead.

■ 25.2204, 0.1912,
0.2082

■ 25.2204, 0.1912,
0.2082

278.9338, 0.2537,
0.2710

■ 16.2413, 0.1758,
0.1925

■ 52.0146, 0.2139,
0.2312

■ 9.6951, 0.1566,
0.1727

■ 70.5984, 0.2225,
0.2398

■ 5.1973, 0.1321,
0.1474

■ 93.1527, 0.2297,
0.2471

■ 2.3635, 0.1010,
0.1147

■ 120.0618, 0.2359,
0.2533

■ 0.8070, 0.0619,
0.0736

■ 151.7100, 0.2412,
0.2586

■ 0.0000, 0.0000,
0.0000

188.4818, 0.2459,

0.2633

230.7616, 0.2500,
0.2674

■ 25.2204, 0.1912,
0.2082

■ 25.2204, 0.1912,
0.2082

■ 25.1768, 0.1911,
0.2080

■ 27.8457, 0.1966,
0.2214

■ 30.8382, 0.2039,
0.2350

■ 34.2649, 0.2133,
0.2486

■ 38.1654, 0.2246,
0.2621

■ 42.5733, 0.2375,
0.2752

■ 47.5185, 0.2516,
0.2877

■ 53.0279, 0.2666,
0.2994

■ 59.1264, 0.2820,
0.3103

■ 65.8372, 0.2976,
0.3202

Harmonies

Analogous

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



25.2204, 0.1717, 0.2371



25.2204, 0.1912, 0.2082



25.2204, 0.2398, 0.2078

Triad

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



25.2204, 0.1912, 0.2082



25.2204, 0.4628, 0.3298



25.2204, 0.2931, 0.4639

Complementary

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



25.2204, 0.1912, 0.2082



21.0361, 0.5845, 0.3739

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.



25.2204, 0.3720, 0.4817



25.2204, 0.1912, 0.2082



25.2204, 0.4755, 0.3899

Square

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



25.2204, 0.1912, 0.2082



25.2204, 0.4004, 0.2745



25.2204, 0.4393, 0.4468



25.2204, 0.2239, 0.3884

Rectangle

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



25.2204, 0.1912, 0.2082



25.2204, 0.2876, 0.2211



25.2204, 0.4393, 0.4468



25.2204, 0.3195, 0.4772

Sweetspot

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



25.2212, 0.1912, 0.2082



72.2706, 0.2660, 0.2990



52.7945, 0.2858, 0.5486



14.7652, 0.2595, 0.2941



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



25.2212, 0.1912, 0.2082



34.2168, 0.1908, 0.2070



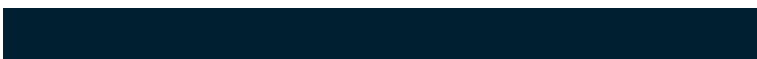
6.3997, 0.1532, 0.0713



14.7179, 0.2982, 0.3206



15.1707, 0.1917, 0.2099



1.2179, 0.1973, 0.2304

Inverse Universe

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



17.5516, 0.4361, 0.2177



23.9854, 0.4375, 0.2184



51.8220, 0.4488, 0.4818



13.8494, 0.3191, 0.3139



10.4395, 0.4342, 0.2166



0.7404, 0.4122, 0.2045

Previews

White Background



This preview shows how the Yxy color 25.2204, 0.1912, 0.2082 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 25.2204, 0.1912, 0.2082 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 25.2204, 0.1912, 0.2082

Background



This preview shows how black text looks on a background with the Yxy color 25.2204, 0.1912, 0.2082.

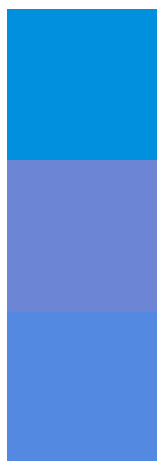


This preview shows how white text looks on a background with the Yxy color 25.2204, 0.1912, 0.2082.

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

25.2204, 0.1912, 0.2082

Protanopia

25.0424, 0.2262, 0.2120

Deuteranopia

25.1121, 0.2076, 0.2008



Tritanopia

25.1008, 0.2189, 0.3080

Trichromacy



Original Color

25.2204, 0.1912, 0.2082

Protanomaly

24.4000, 0.2050, 0.2090

Deuteranomaly

24.8408, 0.1975, 0.2030

Tritanomaly

24.9556, 0.2075, 0.2669

Monochromacy



Original Color

25.2204, 0.1912, 0.2082

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

17.4555, 0.2341, 0.2711

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2204, 0.1912, 0.2082 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(0, 144, 222)` looks like.

```
.text, #text, p{  
  color:rgb(0, 144, 222)  
}
```

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(0, 144, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 222) }
```

Border

The CSS property to change the border of an element to Yxy 25.2204, 0.1912, 0.2082 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(0, 144, 222) }
```

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

```
.border{ border-color:rgb(0, 144, 222) }
```

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

Here you see how a box with a 4 pixel rgb(0, 144, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2204, 0.1912, 0.2082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 222) }
```

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

```
.background{ background-color: rgb(0, 144,  
222) }
```

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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