

Converting Colors

$Yxy(25.1159, 0.1973, 0.2302)$

Have a look what the booklet for
Yxy(25.1159, 0.1973, 0.2302)
contains.

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Color

Yxy(25.0628, 0.1970, 0.2292)

Conversions

Conversions Part 1

Format	Color
Hex	0092CF
RGB	0, 146, 207
RGB Percent	0%, 57%, 81%
CMY	1.0000, 0.4274, 0.1882
CMYK	1.00, 0.29, 0.00, 0.19
HSL	198°, 100%, 41%
HSV	198°, 100%, 81%
XYZ	21.5418, 25.0628, 62.7445
YIQ	109.3000, -106.5970, -11.9810

Conversions

Conversions Part 2

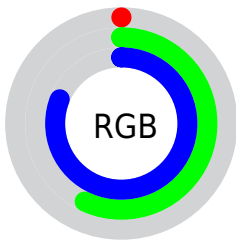
Format	Color
RYB	0, 86, 207
Decimal	37583
CIELab	57.14, -10.40, -40.33
CIELCh	57, 41.652, 255.548
Yxy	25.0628, 0.1970, 0.2292
Android (android.graphics.Color)	4278227663 (0xFF0092CF)
YUV	109.3000, 48.1661, -95.8561
Hunter-Lab	50.0628, -10.8022, -39.2652

Details

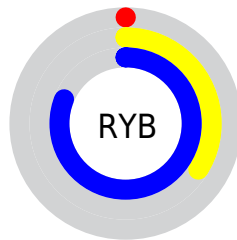
The Yxy color **25.0628, 0.1970, 0.2292** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **16.6071, 0.5987, 0.3628**, and the grayscale version is **15.2667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2379, 0.2227, 0.2596**, and **10.6327, 0.1904, 0.2056** is the 20% darker color. If you saturate the color by 10%, you get **25.0642, 0.1970, 0.2292**, and if you desaturate by 10%, it is **27.1521, 0.2018, 0.2402**.

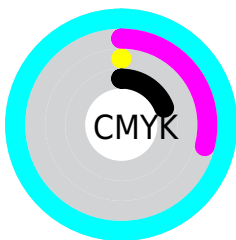
Distribution



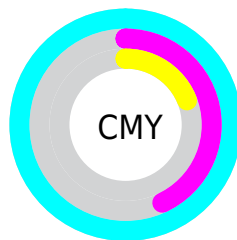
- Red (0%)
- Green (57%)
- Blue (81%)



- Red (0%)
- Yellow (34%)
- Blue (81%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0628, 0.1970, 0.2292 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 25.0628, 0.1970, 0.2292 by changing the saturation by 10% instead.

■ 25.0628, 0.1970,
0.2292

■ 25.0628, 0.1970,
0.2292

278.1505, 0.2570,
0.2828

■ 16.1238, 0.1819,
0.2151

■ 51.7591, 0.2190,
0.2493

■ 9.6118, 0.1628,
0.1969

■ 70.2852, 0.2273,
0.2567

■ 5.1424, 0.1380,
0.1726

■ 92.7758, 0.2342,
0.2628

■ 2.3310, 0.1058,
0.1396

■ 119.6154, 0.2401,
0.2681

■ 0.7901, 0.0598,
0.0950

■ 151.1882, 0.2452,
0.2725

■ 0.0000, 0.0000,
0.0000

187.8788, 0.2497,

0.2764

230.0714, 0.2536,
0.2798

■ 25.0628, 0.1970,
0.2292

■ 25.0628, 0.1970,
0.2292

■ 25.0642, 0.1970,
0.2292

■ 27.1521, 0.2018,
0.2402

■ 29.5093, 0.2083,
0.2513

■ 32.1942, 0.2168,
0.2625

■ 35.2388, 0.2272,
0.2736

■ 38.6705, 0.2393,
0.2843

■ 42.5135, 0.2527,
0.2946

■ 46.7894, 0.2671,
0.3043

■ 51.5183, 0.2821,
0.3133

■ 56.7187, 0.2974,
0.3215

Harmonies

Analogous

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



25.0628, 0.1886, 0.2656



25.0628, 0.1970, 0.2292



25.0628, 0.2319, 0.2198

Triad

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



25.0628, 0.1970, 0.2292



25.0628, 0.4274, 0.3139



25.0628, 0.3209, 0.4544

Complementary

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



25.0628, 0.1970, 0.2292



16.6071, 0.5987, 0.3628

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.



25.0628, 0.3881, 0.4549



25.0628, 0.1970, 0.2292



25.0628, 0.4548, 0.3669

Square

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



25.0628, 0.1970, 0.2292



25.0628, 0.3642, 0.2670



25.0628, 0.4383, 0.4184



25.0628, 0.2550, 0.4046

Rectangle

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



25.0628, 0.1970, 0.2292



25.0628, 0.2691, 0.2267



25.0628, 0.4383, 0.4184



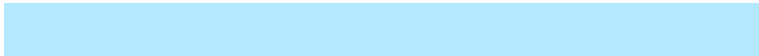
25.0628, 0.3441, 0.4601

Sweetspot

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



25.0642, 0.1970, 0.2292



74.7126, 0.2665, 0.3040



44.9464, 0.2902, 0.5647



15.3495, 0.2603, 0.2999



0.0000, 0.0000, 0.0000



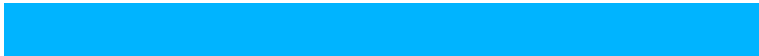
21.4041, 0.3127, 0.3290

Same Dimension

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



25.0642, 0.1970, 0.2292



39.7988, 0.1967, 0.2279



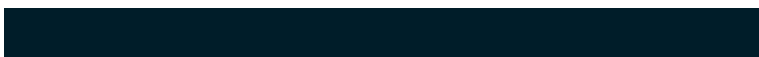
6.3715, 0.1560, 0.0815



12.7940, 0.2983, 0.3220



15.9597, 0.1974, 0.2307



1.0264, 0.2030, 0.2509

Inverse Universe

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



15.3433, 0.4135, 0.2051



24.5489, 0.4148, 0.2059



39.1663, 0.4640, 0.4698



11.9472, 0.3182, 0.3127



9.6824, 0.4119, 0.2043



0.5549, 0.3913, 0.1929

Previews

White Background



This preview shows how the Yxy color 25.0628, 0.1970, 0.2292 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 25.0628, 0.1970, 0.2292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

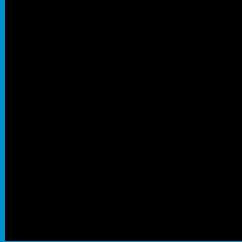
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0628, 0.1970, 0.2292

Background



This preview shows how black text looks on a background with the Yxy color 25.0628, 0.1970, 0.2292.

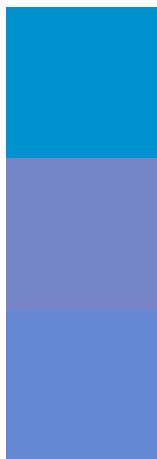


This preview shows how white text looks on a background with the Yxy color 25.0628, 0.1970, 0.2292.

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

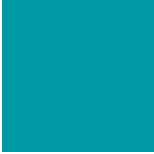
25.0628, 0.1970, 0.2292

Protanopia

24.7944, 0.2415, 0.2321

Deuteranopia

24.9211, 0.2237, 0.2181



Tritanopia

25.1008, 0.2189, 0.3080

Trichromacy



Original Color

25.0628, 0.1970, 0.2292

Protanomaly

23.8498, 0.2139, 0.2272

Deuteranomaly

24.4002, 0.2071, 0.2209

Tritanomaly

25.0674, 0.2102, 0.2767

Monochromacy



Original Color

25.0628, 0.1970, 0.2292

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

17.2286, 0.2377, 0.2820

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0628, 0.1970, 0.2292 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, 146, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 207)  
}
```

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, 146, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 207) }
```

Border

The CSS property to change the border of an element to Yxy 25.0628, 0.1970, 0.2292 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, 146, 207) }
```

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

```
.border{ border-color:rgb(0, 146, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0628, 0.1970, 0.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 207) }
```

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

```
.background{ background-color: rgb(0, 146,  
207) }
```

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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