

Converting Colors

$Yxy(25.6615, 0.1929, 0.2144)$

Have a look what the booklet for
Yxy(25.6615, 0.1929, 0.2144)
contains.

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Color

Yxy(25.6722, 0.1930, 0.2148)

Conversions

Conversions Part 1

Format	Color
Hex	0092DB
RGB	0, 146, 219
RGB Percent	0%, 57%, 86%
CMY	1.0000, 0.4275, 0.1411
CMYK	1.00, 0.33, 0.00, 0.14
HSL	200°, 100%, 43%
HSV	200°, 100%, 86%
XYZ	23.0667, 25.6722, 70.7778
YIQ	110.6680, -110.4490, -8.2490

Conversions

Conversions Part 2

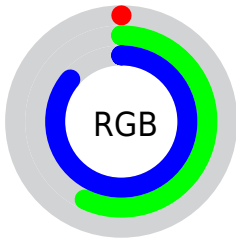
Format	Color
RYB	0, 88, 219
Decimal	37595
CIELab	57.72, -5.90, -46.14
CIELCh	58, 46.515, 262.714
Yxy	25.6722, 0.1930, 0.2148
Android (android.graphics.Color)	4278227675 (0xFF0092DB)
YUV	110.6680, 53.4077, -97.0558
Hunter-Lab	50.6677, -7.4056, -47.3548

Details

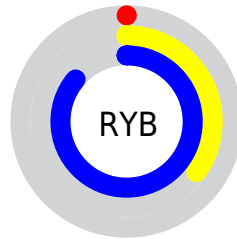
The Yxy color **25.6722, 0.1930, 0.2148** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **19.8340, 0.5896, 0.3700**, and the grayscale version is **15.6630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4121, 0.2238, 0.2598**, and **11.0461, 0.1857, 0.1885** is the 20% darker color. If you saturate the color by 10%, you get **25.6737, 0.1930, 0.2148**, and if you desaturate by 10%, it is **28.1672, 0.1982, 0.2273**.

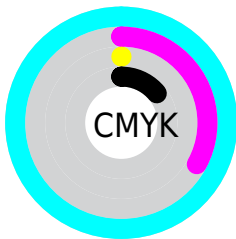
Distribution



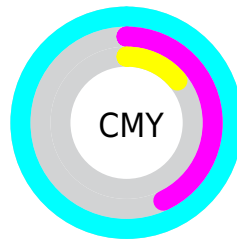
- Red (0%)
- Green (57%)
- Blue (86%)



- Red (0%)
- Yellow (35%)
- Blue (86%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6722, 0.1930, 0.2148 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 25.6722, 0.1930, 0.2148 by changing the saturation by 10% instead.

■ 25.6722, 0.1930,
0.2148

■ 25.6722, 0.1930,
0.2148

281.1692, 0.2545,
0.2746

■ 16.5786, 0.1778,
0.1997

■ 52.7456, 0.2154,
0.2368

■ 9.9345, 0.1588,
0.1805

■ 71.4943, 0.2238,
0.2450

■ 5.3555, 0.1345,
0.1556

■ 94.2300, 0.2309,
0.2519

■ 2.4573, 0.1034,
0.1231

■ 121.3372, 0.2370,
0.2578

■ 0.8552, 0.0637,
0.0814

■ 153.2004, 0.2423,
0.2629

■ 0.0000, 0.0000,
0.0000

190.2038, 0.2469,

0.2673

232.7320, 0.2509,
0.2712

■ 25.6722, 0.1930,
0.2148

■ 25.6722, 0.1930,
0.2148

■ 25.6737, 0.1930,
0.2148

■ 28.1672, 0.1982,
0.2273

■ 30.9994, 0.2052,
0.2401

■ 34.2358, 0.2143,
0.2529

■ 37.9144, 0.2253,
0.2656

■ 42.0673, 0.2379,
0.2780

■ 46.7230, 0.2517,
0.2898

■ 51.9073, 0.2665,
0.3009

■ 57.6437, 0.2818,
0.3111

■ 63.9544, 0.2973,
0.3205

Harmonies

Analogous

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



25.6722, 0.1771, 0.2461



25.6722, 0.1930, 0.2148



25.6722, 0.2372, 0.2116

Triad

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



25.6722, 0.1930, 0.2148



25.6722, 0.4513, 0.3248



25.6722, 0.3023, 0.4611

Complementary

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



25.6722, 0.1930, 0.2148



19.8340, 0.5896, 0.3700

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.



25.6722, 0.3775, 0.4729



25.6722, 0.1930, 0.2148



25.6722, 0.4691, 0.3825

Square

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



25.6722, 0.1930, 0.2148



25.6722, 0.3884, 0.2721



25.6722, 0.4394, 0.4375



25.6722, 0.2339, 0.3940

Rectangle

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



25.6722, 0.1930, 0.2148



25.6722, 0.2814, 0.2229



25.6722, 0.4394, 0.4375



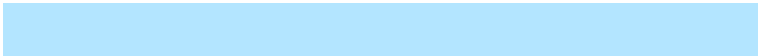
25.6722, 0.3276, 0.4717

Sweetspot

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



25.6737, 0.1930, 0.2148



73.0559, 0.2661, 0.3006



51.1601, 0.2870, 0.5532



14.9529, 0.2598, 0.2960



0.0000, 0.0000, 0.0000



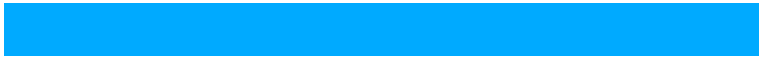
21.4041, 0.3127, 0.3290

Same Dimension

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



25.6737, 0.1930, 0.2148



35.9603, 0.1927, 0.2138



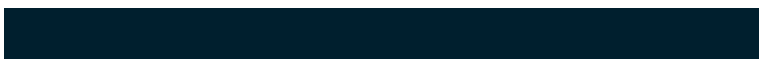
6.4086, 0.1537, 0.0733



14.0599, 0.2982, 0.3210



15.4276, 0.1935, 0.2167



1.1555, 0.1992, 0.2371

Inverse Universe

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



17.1401, 0.4289, 0.2136



24.1614, 0.4300, 0.2142



48.7363, 0.4526, 0.4789



13.1972, 0.3188, 0.3135



10.1812, 0.4268, 0.2125



0.6753, 0.4052, 0.2006

Previews

White Background



This preview shows how the Yxy color 25.6722, 0.1930, 0.2148 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 25.6722, 0.1930, 0.2148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

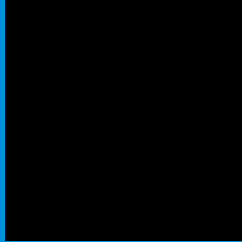
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6722, 0.1930, 0.2148

Background



This preview shows how black text looks on a background with the Yxy color 25.6722, 0.1930, 0.2148.

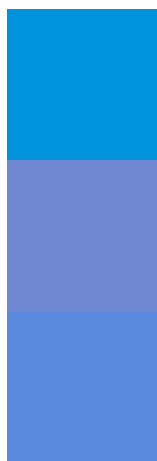


This preview shows how white text looks on a background with the Yxy color 25.6722, 0.1930, 0.2148.

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

25.6722, 0.1930, 0.2148

Protanopia

25.4258, 0.2309, 0.2176

Deuteranopia

25.5711, 0.2128, 0.2064

Trichromacy



Original Color

25.6722, 0.1930, 0.2148

Protanomaly

24.6089, 0.2075, 0.2142

Deuteranomaly

25.0869, 0.2003, 0.2082

Monochromacy



Original Color

25.6722, 0.1930, 0.2148

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

17.9569, 0.2364, 0.2772

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6722, 0.1930, 0.2148 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 219) }
```

Border

The CSS property to change the border of an element to Yxy 25.6722, 0.1930, 0.2148 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, 219) }
```

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

```
.border{ border-color:rgb(0, 146, 219) }
```

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, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
219) }
```

Background

The CSS property to change the background color of an element to Yxy 25.6722, 0.1930, 0.2148 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, 219) }
```

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

```
.background{ background-color: rgb(0, 146,  
219) }
```

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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