

Converting Colors

$Yxy(25.2622, 0.2017, 0.2342)$

Have a look what the booklet for
Yxy(25.2622, 0.2017, 0.2342)
contains.

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Color

Yxy(25.1934, 0.2015, 0.2338)

Conversions

Conversions Part 1

Format	Color
Hex	1E92CC
RGB	30, 146, 204
RGB Percent	12%, 57%, 80%
CMY	0.8825, 0.4274, 0.2000
CMYK	0.85, 0.28, 0.00, 0.20
HSL	200°, 74%, 46%
HSV	200°, 85%, 80%
XYZ	21.7129, 25.1934, 60.8499
YIQ	117.9280, -87.7540, -6.5540

Conversions

Conversions Part 2

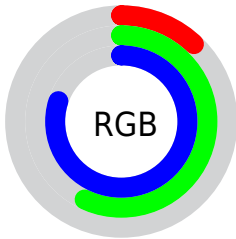
Format	Color
RYB	30, 100, 204
Decimal	2003660
CIELab	57.26, -10.14, -38.42
CIELCh	57, 39.738, 255.221
Yxy	25.1934, 0.2015, 0.2338
Android (android.graphics.Color)	4280193740 (0xFF1E92CC)
YUV	117.9280, 42.4335, -77.1129
Hunter-Lab	50.1930, -10.6209, -36.7432

Details

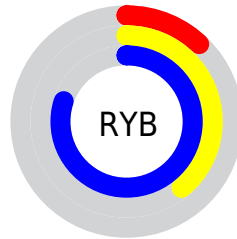
The Yxy color **25.1934, 0.2015, 0.2338** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **19.9063, 0.5495, 0.3821**, and the grayscale version is **17.9757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6544, 0.2254, 0.2600**, and **10.5357, 0.1918, 0.2103** is the 20% darker color. If you saturate the color by 10%, you get **22.9461, 0.1955, 0.2212**, and if you desaturate by 10%, it is **27.7652, 0.2095, 0.2466**.

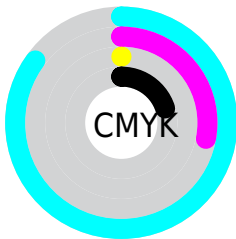
Distribution



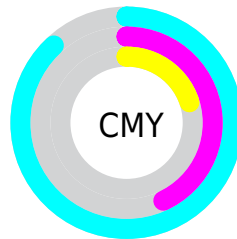
- Red (12%)
- Green (57%)
- Blue (80%)



- Red (12%)
- Yellow (39%)
- Blue (80%)



- Cyan (85%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (88%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1934, 0.2015, 0.2338 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 25.1934, 0.2015, 0.2338 by changing the saturation by 10% instead.

■ 25.1934, 0.2015,
0.2338

■ 25.1934, 0.2015,
0.2338

■ 278.7997, 0.2594,
0.2850

■ 16.2212, 0.1868,
0.2202

■ 51.9708, 0.2228,
0.2531

■ 9.6808, 0.1681,
0.2025

■ 70.5448, 0.2308,
0.2602

■ 5.1878, 0.1438,
0.1789

■ 93.0882, 0.2374,
0.2660

■ 2.3579, 0.1116,
0.1463

■ 119.9853, 0.2431,
0.2710

■ 0.8041, 0.0653,
0.1016

■ 151.6207, 0.2480,
0.2753

■ 0.0000, 0.0000,
0.0000

188.3786, 0.2523,

0.2790

230.6435, 0.2561,
0.2822

■ 25.1934, 0.2015,
0.2338

■ 25.1934, 0.2015,
0.2338

■ 22.9461, 0.1955,
0.2212

■ 27.7652, 0.2095,
0.2466

■ 21.9732, 0.1932,
0.2154

■ 30.6944, 0.2195,
0.2593

■ 34.0109, 0.2313,
0.2718

■ 37.7401, 0.2445,
0.2839

■ 41.9049, 0.2588,
0.2953

■ 46.5259, 0.2738,
0.3059

■ 51.6223, 0.2892,
0.3157

■ 57.2121, 0.3046,
0.3246

■ 63.3119, 0.3198,
0.3327

Harmonies

Analogous

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



25.1934, 0.1938, 0.2693



25.1934, 0.2015, 0.2338



25.1934, 0.2350, 0.2242

Triad

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



25.1934, 0.2015, 0.2338



25.1934, 0.4214, 0.3144



25.1934, 0.3217, 0.4481

Complementary

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



25.1934, 0.2015, 0.2338



19.9063, 0.5495, 0.3821

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.



25.1934, 0.3858, 0.4490



25.1934, 0.2015, 0.2338



25.1934, 0.4481, 0.3654

Square

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



25.1934, 0.2015, 0.2338



25.1934, 0.3612, 0.2693



25.1934, 0.4333, 0.4146



25.1934, 0.2585, 0.4014

Rectangle

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



25.1934, 0.2015, 0.2338



25.1934, 0.2705, 0.2307



25.1934, 0.4333, 0.4146



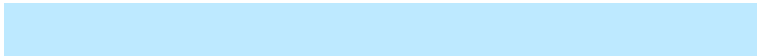
25.1934, 0.3439, 0.4536

Sweetspot

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



25.1942, 0.2015, 0.2338



76.2239, 0.2723, 0.3049



44.1223, 0.2838, 0.5267



15.7275, 0.2670, 0.3012



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.



25.1942, 0.2015, 0.2338



35.9749, 0.1927, 0.2138



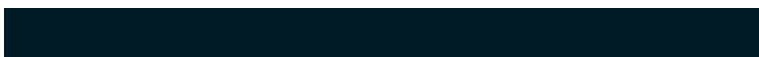
8.0668, 0.1660, 0.1018



12.0725, 0.2983, 0.3211



14.0061, 0.1937, 0.2172



0.8585, 0.2004, 0.2416

Inverse Universe

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



15.8406, 0.4072, 0.2111



24.1628, 0.4299, 0.2142



42.4753, 0.4449, 0.4735



11.3377, 0.3188, 0.3137



9.2169, 0.4263, 0.2122



0.4892, 0.4007, 0.1981

Previews

White Background



This preview shows how the Yxy color 25.1934, 0.2015, 0.2338 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 25.1934, 0.2015, 0.2338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

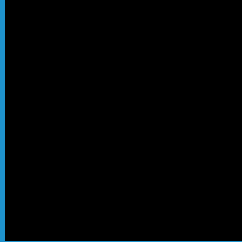
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1934, 0.2015, 0.2338

Background



This preview shows how black text looks on a background with the Yxy color 25.1934, 0.2015, 0.2338.



This preview shows how white text looks on a background with the Yxy color 25.1934, 0.2015, 0.2338.

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

25.1934, 0.2015, 0.2338

Protanopia

25.1196, 0.2447, 0.2365

Deuteranopia

25.0076, 0.2280, 0.2222



Tritanopia

25.1008, 0.2189, 0.3080

Trichromacy



Original Color

25.1934, 0.2015, 0.2338

Protanomaly

24.5209, 0.2222, 0.2342

Deuteranomaly

24.7417, 0.2142, 0.2260

Tritanomaly

25.0982, 0.2117, 0.2784

Monochromacy



Original Color

25.1934, 0.2015, 0.2338

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

19.5867, 0.2501, 0.2885

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1934, 0.2015, 0.2338 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(30, 146, 204)` looks like.

```
.text, #text, p{  
    color:rgb(30, 146, 204)  
}
```

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(30, 146, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 146, 204) }
```

Border

The CSS property to change the border of an element to Yxy 25.1934, 0.2015, 0.2338 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(30, 146, 204) }
```

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

```
.border{ border-color:rgb(30, 146, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 146, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 146, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 146, 204);  
box-shadow:4px 4px 4px 4px rgb(30, 146,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1934, 0.2015, 0.2338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 146, 204) }
```

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

```
.background{ background-color: rgb(30, 146,  
204) }
```

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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