

Converting Colors

$Y_{xy}(25.1008, 0.2062, 0.2549)$

Have a look what the booklet for
Yxy(25.1008, 0.2062, 0.2549)
contains.

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Color

Yxy(25.1008, 0.2062, 0.2549)

Conversions

Conversions Part 1

Format	Color
Hex	1594BF
RGB	21, 148, 191
RGB Percent	8%, 58%, 75%
CMY	0.9171, 0.4196, 0.2510
CMYK	0.89, 0.23, 0.00, 0.25
HSL	195°, 80%, 42%
HSV	195°, 89%, 75%
XYZ	20.3052, 25.1008, 53.0672
YIQ	114.9290, -89.4950, -13.5510

Conversions

Conversions Part 2

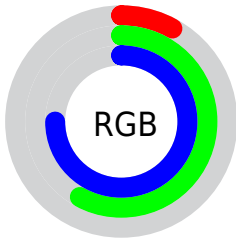
Format	Color
R_{YB}	21, 94, 191
Decimal	1414335
CIE _{Lab}	57.17, -16.50, -31.23
CIE _{LCh}	57, 35.324, 242.148
Yxy	25.1008, 0.2062, 0.2549
Android (android.graphics.Color)	4279604415 (0xFF1594BF)
YUV	114.9290, 37.5030, -82.3757
Hunter-Lab	50.1007, -15.3325, -27.7301

Details

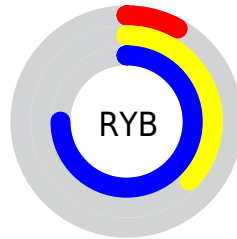
The Yxy color **25.1008, 0.2062, 0.2549** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **14.8140, 0.5777, 0.3647**, and the grayscale version is **17.0385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7851, 0.2265, 0.2701**, and **10.3555, 0.1982, 0.2335** is the 20% darker color. If you saturate the color by 10%, you get **23.4684, 0.2017, 0.2456**, and if you desaturate by 10%, it is **26.9454, 0.2124, 0.2643**.

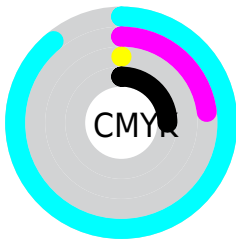
Distribution



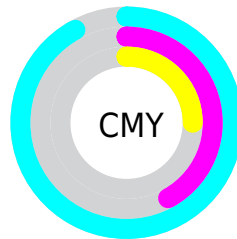
- Red (8%)
- Green (58%)
- Blue (75%)



- Red (8%)
- Yellow (37%)
- Blue (75%)



- Cyan (89%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (92%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1008, 0.2062, 0.2549 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 25.1008, 0.2062, 0.2549 by changing the saturation by 10% instead.

■ 25.1008, 0.2062,
0.2549

■ 25.1008, 0.2062,
0.2549

■ 278.3396, 0.2620,
0.2960

■ 16.1522, 0.1918,
0.2434

■ 51.8207, 0.2269,
0.2708

■ 9.6319, 0.1733,
0.2281

■ 70.3608, 0.2346,
0.2764

■ 5.1556, 0.1488,
0.2069

■ 92.8668, 0.2410,
0.2811

■ 2.3388, 0.1158,
0.1760

■ 119.7231, 0.2465,
0.2851

■ 0.7942, 0.0581,
0.1311

■ 151.3141, 0.2512,
0.2884

■ 0.0000, 0.0000,
0.0000

188.0243, 0.2553,

0.2913

230.2380, 0.2588,
0.2938

■ 25.1008, 0.2062,
0.2549

■ 25.1008, 0.2062,
0.2549

■ 23.4684, 0.2017,
0.2456

■ 26.9454, 0.2124,
0.2643

■ 23.3011, 0.2013,
0.2446

■ 29.0427, 0.2205,
0.2737

■ 31.4186, 0.2305,
0.2830

■ 34.0948, 0.2422,
0.2920

■ 37.0904, 0.2552,
0.3007

■ 40.4227, 0.2692,
0.3088

■ 44.1074, 0.2840,
0.3164

■ 48.1593, 0.2991,
0.3233

■ 52.5922, 0.3143,
0.3296

Harmonies

Analogous

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



25.1008, 0.2100, 0.2979



25.1008, 0.2062, 0.2549



25.1008, 0.2267, 0.2356

Triad

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



25.1008, 0.2062, 0.2549



25.1008, 0.3887, 0.2975



25.1008, 0.3476, 0.4398

Complementary

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



25.1008, 0.2062, 0.2549



14.8140, 0.5777, 0.3647

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.



25.1008, 0.4002, 0.4264



25.1008, 0.2062, 0.2549



25.1008, 0.4274, 0.3427

Square

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



25.1008, 0.2062, 0.2549



25.1008, 0.3289, 0.2607



25.1008, 0.4307, 0.3889



25.1008, 0.2884, 0.4149

Rectangle

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



25.1008, 0.2062, 0.2549



25.1008, 0.2531, 0.2353



25.1008, 0.4307, 0.3889



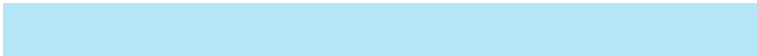
25.1008, 0.3667, 0.4391

Sweetspot

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



25.1017, 0.2062, 0.2549



73.3483, 0.2714, 0.3100



37.7901, 0.2891, 0.5502



15.6312, 0.2664, 0.3073



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.1017, 0.2062, 0.2549



41.3212, 0.2009, 0.2432



7.5444, 0.1665, 0.1090



10.3894, 0.2985, 0.3231



15.4462, 0.2016, 0.2459



0.7038, 0.2078, 0.2681

Inverse Universe

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



13.7562, 0.3866, 0.1962



23.3291, 0.3991, 0.1972



32.4801, 0.4610, 0.4636



9.6539, 0.3175, 0.3120



8.5890, 0.3963, 0.1957



0.3464, 0.3746, 0.1837

Previews

White Background



This preview shows how the Yxy color 25.1008, 0.2062, 0.2549 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 25.1008, 0.2062, 0.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

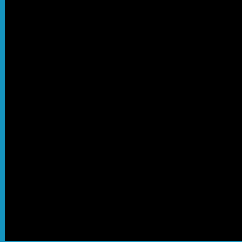
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1008, 0.2062, 0.2549

Background



This preview shows how black text looks on a background with the Yxy color 25.1008, 0.2062, 0.2549.

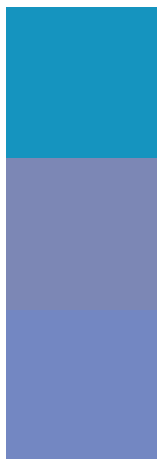


This preview shows how white text looks on a background with the Yxy color 25.1008, 0.2062, 0.2549.

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

25.1008, 0.2062, 0.2549

Protanopia

24.9492, 0.2598, 0.2560

Deuteranopia

24.8678, 0.2430, 0.2372



Tritanopia

25.1008, 0.2189, 0.3080

Trichromacy



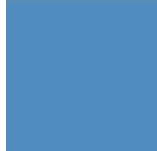
Original Color

25.1008, 0.2062, 0.2549



Protanomaly

24.2852, 0.2304, 0.2536



Deuteranomaly

24.3558, 0.2224, 0.2418



Tritanomaly

25.2020, 0.2143, 0.2886

Monochromacy



Original Color

25.1008, 0.2062, 0.2549



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

18.9112, 0.2504, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1008, 0.2062, 0.2549 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(21, 148, 191)` looks like.

```
.text, #text, p{  
    color:rgb(21, 148, 191)  
}
```

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(21, 148, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 148, 191) }
```

Border

The CSS property to change the border of an element to Yxy 25.1008, 0.2062, 0.2549 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(21, 148, 191) }
```

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

```
.border{ border-color:rgb(21, 148, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 148, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 148, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 148, 191);  
box-shadow:4px 4px 4px 4px rgb(21, 148,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1008, 0.2062, 0.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 148, 191) }
```

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

```
.background{ background-color: rgb(21, 148,  
191) }
```

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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