

Converting Colors

$Y_{xy}(25.1017, 0.2131, 0.2420)$

Have a look what the booklet for
Yxy(25.1017, 0.2131, 0.2420)
contains.

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Color

$\text{Yxy}(25.0019, 0.2129, 0.2415)$

Conversions

Conversions Part 1

Format	Color
Hex	3E90C5
RGB	62, 144, 197
RGB Percent	24%, 56%, 77%
CMY	0.7565, 0.4353, 0.2275
CMYK	0.68, 0.27, 0.00, 0.23
HSL	204°, 54%, 51%
HSV	204°, 68%, 77%
XYZ	22.0410, 25.0019, 56.4846
YIQ	125.5240, -65.8850, -0.9010

Conversions

Conversions Part 2

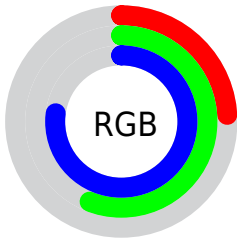
Format	Color
R _Y B	62, 113, 197
Decimal	4100293
CIE Lab	57.08, -7.80, -34.71
CIE LCh	57, 35.572, 257.330
Yxy	25.0019, 0.2129, 0.2415
Android (android.graphics.Color)	4282290373 (0xFF3E90C5)
YUV	125.5240, 35.2377, -55.7105
Hunter-Lab	50.0019, -8.8199, -31.9756

Details

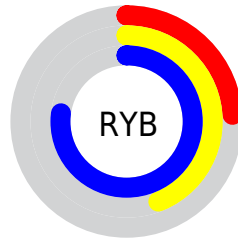
The Yxy color **25.0019, 0.2129, 0.2415** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **24.4995, 0.4825, 0.3936**, and the grayscale version is **20.5970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8290, 0.2325, 0.2597**, and **9.9886, 0.1932, 0.2153** is the 20% darker color. If you saturate the color by 10%, you get **22.2118, 0.2026, 0.2263**, and if you desaturate by 10%, it is **28.1853, 0.2250, 0.2565**.

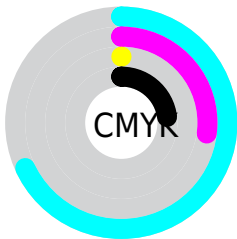
Distribution



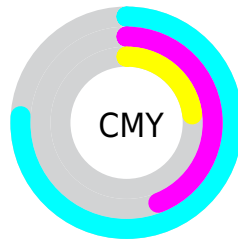
- Red (24%)
- Green (56%)
- Blue (77%)



- Red (24%)
- Yellow (44%)
- Blue (77%)



- Cyan (68%)
- Magenta (27%)
- Yellow (0%)
- Black (23%)



- Cyan (76%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0019, 0.2129, 0.2415 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 25.0019, 0.2129, 0.2415 by changing the saturation by 10% instead.

■ 25.0019, 0.2129,
0.2415

■ 25.0019, 0.2129,
0.2415

■ 277.8474, 0.2654,
0.2888

■ 16.0785, 0.1993,
0.2288

■ 51.6603, 0.2324,
0.2594

■ 9.5797, 0.1817,
0.2122

■ 70.1641, 0.2397,
0.2659

■ 5.1212, 0.1584,
0.1896

■ 92.6301, 0.2457,
0.2713

■ 2.3185, 0.1267,
0.1579

■ 119.4427, 0.2508,
0.2759

■ 0.7835, 0.0796,
0.1125

■ 150.9864, 0.2553,
0.2798

■ 0.0000, 0.0000,
0.0000

187.6454, 0.2591,

0.2832

229.8043, 0.2625,
0.2862

■ 25.0019, 0.2129,
0.2415

■ 25.0019, 0.2129,
0.2415

■ 22.2118, 0.2026,
0.2263

■ 28.1853, 0.2250,
0.2565

■ 19.7829, 0.1944,
0.2112

■ 31.7850, 0.2386,
0.2711

■ 17.6709, 0.1882,
0.1965

■ 35.8244, 0.2533,
0.2849

■ 17.3690, 0.1873,
0.1943

■ 40.3244, 0.2686,
0.2979

■ 45.3042, 0.2842,
0.3098

■ 50.7815, 0.2997,
0.3206

■ 56.7732, 0.3150,
0.3304

■ 63.2952, 0.3298,
0.3391

■ 70.3627, 0.3439,
0.3469

Harmonies

Analogous

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



25.0019, 0.2042, 0.2728



25.0019, 0.2129, 0.2415



25.0019, 0.2454, 0.2338

Triad

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



25.0019, 0.2129, 0.2415



25.0019, 0.4130, 0.3196



25.0019, 0.3174, 0.4332

Complementary

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



25.0019, 0.2129, 0.2415



24.4995, 0.4825, 0.3936

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.



25.0019, 0.3758, 0.4382



25.0019, 0.2129, 0.2415



25.0019, 0.4348, 0.3666

Square

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



25.0019, 0.2129, 0.2415



25.0019, 0.3608, 0.2774



25.0019, 0.4197, 0.4103



25.0019, 0.2607, 0.3893

Rectangle

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



25.0019, 0.2129, 0.2415



25.0019, 0.2788, 0.2405



25.0019, 0.4197, 0.4103



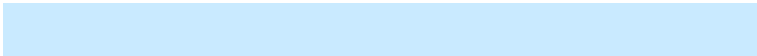
25.0019, 0.3375, 0.4394

Sweetspot

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



25.0028, 0.2129, 0.2415



78.5242, 0.2798, 0.3065



42.1679, 0.2781, 0.4694



16.2682, 0.2754, 0.3032



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.



25.0028, 0.2129, 0.2415



37.6294, 0.1984, 0.2190



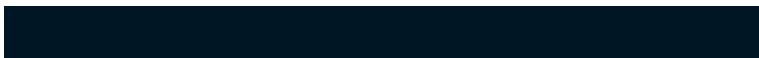
10.4816, 0.1863, 0.1321



11.3410, 0.2984, 0.3197



11.5914, 0.1878, 0.1962



0.6870, 0.1964, 0.2269

Inverse Universe

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



17.3376, 0.3956, 0.2303



26.2176, 0.4220, 0.2224



45.3706, 0.4171, 0.4676



10.7433, 0.3197, 0.3151



8.7101, 0.4496, 0.2251



0.4264, 0.4159, 0.2065

Previews

White Background



This preview shows how the Yxy color 25.0019, 0.2129, 0.2415 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 25.0019, 0.2129, 0.2415 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

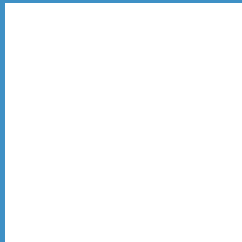
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.0019, 0.2129, 0.2415

Background



This preview shows how black text looks on a background with the Yxy color 25.0019, 0.2129, 0.2415.



This preview shows how white text looks on a background with the Yxy color 25.0019, 0.2129, 0.2415.

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

25.0019, 0.2129, 0.2415

Protanopia

24.7174, 0.2502, 0.2429

Deuteranopia

24.7665, 0.2360, 0.2301



Tritanopia

24.8884, 0.2246, 0.3045

Trichromacy



Original Color

25.0019, 0.2129, 0.2415

Protanomaly

24.6354, 0.2334, 0.2421

Deuteranomaly

24.5813, 0.2260, 0.2335

Tritanomaly

24.8793, 0.2198, 0.2805

Monochromacy



Original Color

25.0019, 0.2129, 0.2415

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.9256, 0.2638, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0019, 0.2129, 0.2415 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(62, 144, 197)` looks like.

```
.text, #text, p{  
    color:rgb(62, 144, 197)  
}
```

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(62, 144, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 144, 197) }
```

Border

The CSS property to change the border of an element to Yxy 25.0019, 0.2129, 0.2415 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(62, 144, 197) }
```

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

```
.border{ border-color:rgb(62, 144, 197) }
```

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

Here you see how a box with a 4 pixel rgb(62, 144, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 144, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 144, 197);  
box-shadow:4px 4px 4px 4px rgb(62, 144,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0019, 0.2129, 0.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 144, 197) }
```

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

```
.background{ background-color: rgb(62, 144,  
197) }
```

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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