

Converting Colors

$Y_{xy}(25.6287, 0.2191, 0.2525)$

Have a look what the booklet for
Yxy(25.6287, 0.2191, 0.2525)
contains.

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Color

Yxy(25.6287, 0.2191, 0.2525)

Conversions

Conversions Part 1

Format	Color
Hex	4592C0
RGB	69, 146, 192
RGB Percent	27%, 57%, 75%
CMY	0.7299, 0.4274, 0.2471
CMYK	0.64, 0.24, 0.00, 0.25
HSL	202°, 49%, 51%
HSV	202°, 64%, 75%
XYZ	22.2386, 25.6287, 53.6325
YIQ	128.2210, -60.6580, -2.0180

Conversions

Conversions Part 2

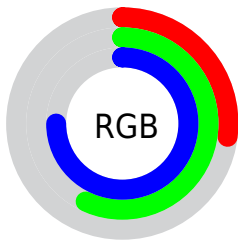
Format	Color
R _Y B	69, 116, 192
Decimal	4559552
CIE Lab	57.68, -9.50, -30.91
CIE LCh	58, 32.337, 252.919
Yxy	25.6287, 0.2191, 0.2525
Android (android.graphics.Color)	4282749632 (0xFF4592C0)
YUV	128.2210, 31.4430, -51.9368
Hunter-Lab	50.6248, -10.1814, -27.3752

Details

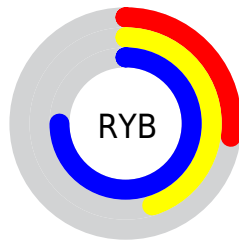
The Yxy color **25.6287, 0.2191, 0.2525** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **23.8549, 0.4705, 0.3881**, and the grayscale version is **21.5610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8152, 0.2376, 0.2681**, and **10.2007, 0.1970, 0.2291** is the 20% darker color. If you saturate the color by 10%, you get **22.8976, 0.2083, 0.2382**, and if you desaturate by 10%, it is **28.7270, 0.2316, 0.2665**.

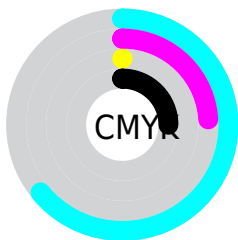
Distribution



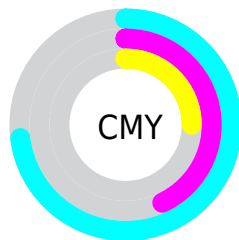
- Red (27%)
- Green (57%)
- Blue (75%)



- Red (27%)
- Yellow (45%)
- Blue (75%)



- Cyan (64%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (73%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6287, 0.2191, 0.2525 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 25.6287, 0.2191, 0.2525 by changing the saturation by 10% instead.

■ 25.6287, 0.2191,
0.2525

■ 25.6287, 0.2191,
0.2525

■ 280.9546, 0.2684,
0.2941

■ 16.5461, 0.2062,
0.2412

■ 52.6753, 0.2375,
0.2684

■ 9.9114, 0.1895,
0.2261

■ 71.4081, 0.2443,
0.2741

■ 5.3402, 0.1671,
0.2054

■ 94.1265, 0.2500,
0.2789

■ 2.4482, 0.1363,
0.1757

■ 121.2147, 0.2548,
0.2829

■ 0.8505, 0.0893,
0.1318

■ 153.0572, 0.2589,
0.2863

■ 0.0000, 0.0000,
0.0000

190.0385, 0.2625,

0.2893

232.5428, 0.2656,
0.2919

■ 25.6287, 0.2191,
0.2525

■ 25.6287, 0.2191,
0.2525

■ 22.8976, 0.2083,
0.2382

■ 28.7270, 0.2316,
0.2665

■ 20.5058, 0.1994,
0.2238

■ 32.2122, 0.2455,
0.2800

■ 18.4238, 0.1926,
0.2097

■ 36.1051, 0.2603,
0.2927

■ 17.3125, 0.1893,
0.2015

■ 40.4242, 0.2756,
0.3046

■ 45.1865, 0.2911,
0.3154

■ 50.4079, 0.3064,
0.3252

■ 56.1036, 0.3215,
0.3341

■ 62.2876, 0.3361,
0.3419

■ 68.9738, 0.3500,
0.3489

Harmonies

Analogous

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



25.6287, 0.2145, 0.2847



25.6287, 0.2191, 0.2525



25.6287, 0.2460, 0.2419

Triad

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



25.6287, 0.2191, 0.2525



25.6287, 0.3975, 0.3149



25.6287, 0.3257, 0.4251

Complementary

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



25.6287, 0.2191, 0.2525



23.8549, 0.4705, 0.3881

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.



25.6287, 0.3775, 0.4256



25.6287, 0.2191, 0.2525



25.6287, 0.4220, 0.3579

Square

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



25.6287, 0.2191, 0.2525



25.6287, 0.3481, 0.2772



25.6287, 0.4137, 0.3984



25.6287, 0.2729, 0.3904

Rectangle

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



25.6287, 0.2191, 0.2525



25.6287, 0.2749, 0.2461



25.6287, 0.4137, 0.3984



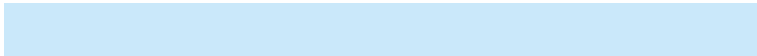
25.6287, 0.3438, 0.4291

Sweetspot

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



25.6296, 0.2191, 0.2525



77.3223, 0.2830, 0.3099



40.1667, 0.2800, 0.4623



16.0623, 0.2786, 0.3067



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.



25.6296, 0.2191, 0.2525



39.6460, 0.2044, 0.2322



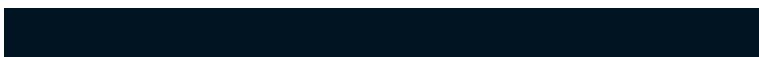
11.6074, 0.1949, 0.1486



10.7759, 0.2984, 0.3202



11.8053, 0.1898, 0.2032



0.6387, 0.1985, 0.2345

Inverse Universe

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



17.5203, 0.3841, 0.2317



26.4961, 0.4073, 0.2206



42.5130, 0.4132, 0.4593



10.1817, 0.3193, 0.3147



8.4740, 0.4416, 0.2206



0.3791, 0.4080, 0.2021

Previews

White Background



This preview shows how the Yxy color 25.6287, 0.2191, 0.2525 looks on a white background.

Color Contrast Check

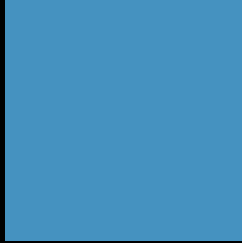
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6287, 0.2191, 0.2525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

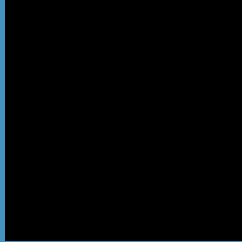
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

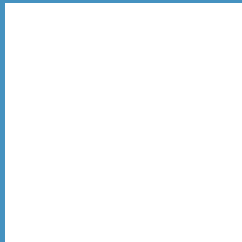
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.6287, 0.2191, 0.2525

Background



This preview shows how black text looks on a background with the Yxy color 25.6287, 0.2191, 0.2525.

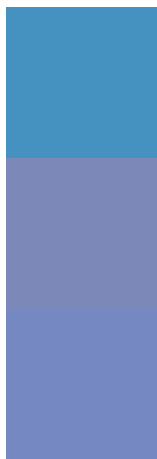


This preview shows how white text looks on a background with the Yxy color 25.6287, 0.2191, 0.2525.

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

25.6287, 0.2191, 0.2525

Protanopia

25.3541, 0.2577, 0.2535

Deuteranopia

25.3549, 0.2456, 0.2394



Tritanopia

25.5618, 0.2304, 0.3067

Trichromacy



Original Color

25.6287, 0.2191, 0.2525

Protanomaly

25.2871, 0.2406, 0.2529

Deuteranomaly

25.3157, 0.2341, 0.2443

Tritanomaly

25.4807, 0.2254, 0.2845

Monochromacy



Original Color

25.6287, 0.2191, 0.2525

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.6265, 0.2678, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6287, 0.2191, 0.2525 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(69, 146, 192)` looks like.

```
.text, #text, p{  
  color:rgb(69, 146, 192)  
}
```

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(69, 146, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 146, 192) }
```

Border

The CSS property to change the border of an element to Yxy 25.6287, 0.2191, 0.2525 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(69, 146, 192) }
```

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

```
.border{ border-color:rgb(69, 146, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 146, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 146, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 146, 192);  
box-shadow:4px 4px 4px 4px rgb(69, 146,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6287, 0.2191, 0.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 146, 192) }
```

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

```
.background{ background-color: rgb(69, 146,  
192) }
```

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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