

Converting Colors

$Y_{xy}(26.1095, 0.2225, 0.2752)$

Have a look what the booklet for
Yxy(26.1095, 0.2225, 0.2752)
contains.

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Color

$\text{Yxy}(26.1095, 0.2225, 0.2752)$

Conversions

Conversions Part 1

Format	Color
Hex	3C96B5
RGB	60, 150, 181
RGB Percent	24%, 59%, 71%
CMY	0.7649, 0.4117, 0.2901
CMYK	0.67, 0.17, 0.00, 0.29
HSL	195°, 50%, 47%
HSV	195°, 67%, 71%
XYZ	21.1096, 26.1095, 47.6555
YIQ	126.6240, -63.5910, -9.4390

Conversions

Conversions Part 2

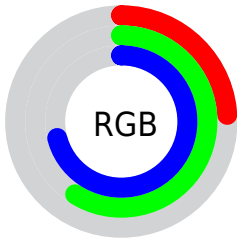
Format	Color
R_{YB}	60, 112, 181
Decimal	3970741
CIE _{Lab}	58.14, -16.78, -24.02
CIE _{LCh}	58, 29.299, 235.069
Yxy	26.1095, 0.2225, 0.2752
Android (android.graphics.Color)	4282160821 (0xFF3C96B5)
YUV	126.6240, 26.8074, -58.4292
Hunter-Lab	51.0975, -15.6778, -19.5280

Details

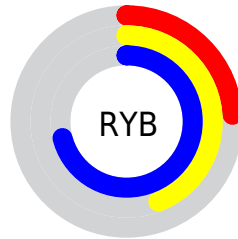
The Yxy color **26.1095, 0.2225, 0.2752** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **17.6292, 0.4954, 0.3698**, and the grayscale version is **21.0071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3651, 0.2404, 0.2866**, and **10.4822, 0.2046, 0.2566** is the 20% darker color. If you saturate the color by 10%, you get **24.1893, 0.2139, 0.2657**, and if you desaturate by 10%, it is **28.2829, 0.2329, 0.2845**.

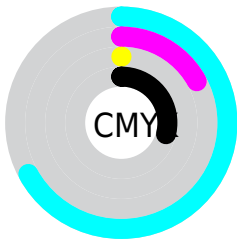
Distribution



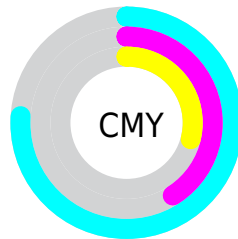
- Red (24%)
- Green (59%)
- Blue (71%)



- Red (24%)
- Yellow (44%)
- Blue (71%)



- Cyan (67%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)





- Cyan (76%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1095, 0.2225, 0.2752 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 26.1095, 0.2225, 0.2752 by changing the saturation by 10% instead.


 26.1095, 0.2225,
0.2752


 26.1095, 0.2225,
0.2752


283.3192, 0.2701,
0.3054


 16.9056, 0.2100,
0.2666


 53.4515, 0.2403,
0.2870


 10.1672, 0.1936,
0.2548


 72.3585, 0.2468,
0.2911


 5.5100, 0.1716,
0.2381

 95.2685, 0.2523,
0.2946

 2.5495, 0.1406,
0.2127

 122.5660, 0.2569,
0.2974

 0.9013, 0.0860,
0.1734

 154.6355, 0.2609,
0.2999

 0.0000, 0.0000,
0.0000

191.8612, 0.2644,

0.3020

234.6277, 0.2674,
0.3038

■ 26.1095, 0.2225,
0.2752

■ 26.1095, 0.2225,
0.2752

■ 24.1893, 0.2139,
0.2657

■ 28.2829, 0.2329,
0.2845

■ 22.4982, 0.2073,
0.2562

■ 30.7252, 0.2449,
0.2936

■ 21.0076, 0.2024,
0.2468

■ 33.4535, 0.2581,
0.3022

■ 20.5664, 0.2011,
0.2439

■ 36.4827, 0.2723,
0.3103

■ 39.8266, 0.2871,
0.3178

■ 43.4979, 0.3023,
0.3246

■ 47.5085, 0.3174,
0.3309

■ 51.8697, 0.3324,
0.3365

■ 56.5922, 0.3471,
0.3414

Harmonies

Analogous

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



26.1095, 0.2311, 0.3154



26.1095, 0.2225, 0.2752



26.1095, 0.2352, 0.2534

Triad

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



26.1095, 0.2225, 0.2752



26.1095, 0.3644, 0.2950



26.1095, 0.3538, 0.4192

Complementary

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



26.1095, 0.2225, 0.2752



17.6292, 0.4954, 0.3698

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.



26.1095, 0.3934, 0.4043



26.1095, 0.2225, 0.2752



26.1095, 0.4013, 0.3323

Square

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



26.1095, 0.2225, 0.2752



26.1095, 0.3144, 0.2661



26.1095, 0.4118, 0.3716



26.1095, 0.3049, 0.4056

Rectangle

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



26.1095, 0.2225, 0.2752



26.1095, 0.2548, 0.2498



26.1095, 0.4118, 0.3716



26.1095, 0.3687, 0.4170

Sweetspot

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



26.1104, 0.2225, 0.2752



69.1765, 0.2820, 0.3152



34.7585, 0.2877, 0.4940



14.5933, 0.2779, 0.3132



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.1104, 0.2225, 0.2752



41.9132, 0.2107, 0.2615



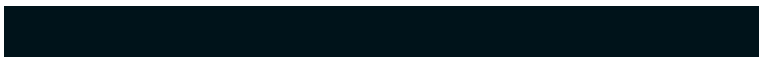
11.6454, 0.1961, 0.1646



9.2556, 0.2986, 0.3230



14.2898, 0.2014, 0.2451



0.5370, 0.2087, 0.2712

Inverse Universe

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



15.2552, 0.3643, 0.2123



23.1880, 0.3794, 0.1996



32.2069, 0.4294, 0.4475



8.6088, 0.3175, 0.3122



7.9827, 0.3972, 0.1962



0.2600, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 26.1095, 0.2225, 0.2752 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 26.1095, 0.2225, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

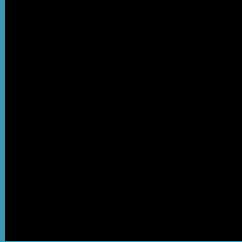
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1095, 0.2225, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 26.1095, 0.2225, 0.2752.

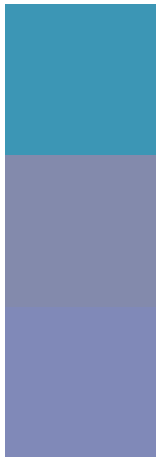


This preview shows how white text looks on a background with the Yxy color 26.1095, 0.2225, 0.2752.

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

26.1095, 0.2225, 0.2752

Protanopia

25.9808, 0.2739, 0.2748

Deuteranopia

25.9412, 0.2613, 0.2558



Tritanopia

26.2029, 0.2290, 0.3069

Trichromacy



Original Color

26.1095, 0.2225, 0.2752

Protanomaly

25.4444, 0.2501, 0.2738

Deuteranomaly

25.6485, 0.2431, 0.2618

Tritanomaly

26.1810, 0.2263, 0.2948

Monochromacy



Original Color

26.1095, 0.2225, 0.2752

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.3181, 0.2685, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1095, 0.2225, 0.2752 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(60, 150, 181)` looks like.

```
.text, #text, p{  
    color:rgb(60, 150, 181)  
}
```

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(60, 150, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 150, 181) }
```

Border

The CSS property to change the border of an element to Yxy 26.1095, 0.2225, 0.2752 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(60, 150, 181) }
```

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

```
.border{ border-color:rgb(60, 150, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 150, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 150, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 150, 181);  
box-shadow:4px 4px 4px 4px rgb(60, 150,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1095, 0.2225, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 150, 181) }
```

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

```
.background{ background-color: rgb(60, 150,  
181) }
```

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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