

Converting Colors

$Y_{xy}(26.0086, 0.2225, 0.2743)$

Have a look what the booklet for
Yxy(26.0086, 0.2225, 0.2743)
contains.

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Color

Yxy(26.1410, 0.2230, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	3D96B5
RGB	61, 150, 181
RGB Percent	24%, 59%, 71%
CMY	0.7604, 0.4118, 0.2902
CMYK	0.66, 0.17, 0.00, 0.29
HSL	196°, 50%, 47%
HSV	196°, 66%, 71%
XYZ	21.1749, 26.1410, 47.6387
YIQ	126.9230, -62.9950, -9.2270

Conversions

Conversions Part 2

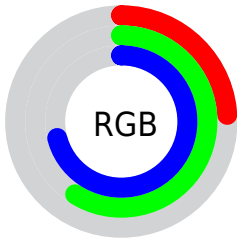
Format	Color
R _Y B	61, 112, 181
Decimal	4036277
CIE Lab	58.17, -16.59, -23.95
CIE LCh	58, 29.138, 235.287
Yxy	26.1410, 0.2230, 0.2753
Android (android.graphics.Color)	4282226357 (0xFF3D96B5)
YUV	126.9230, 26.6600, -57.8145
Hunter-Lab	51.1283, -15.5483, -19.4536

Details

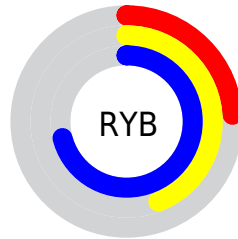
The Yxy color **26.1410, 0.2230, 0.2753** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **17.8324, 0.4925, 0.3701**, and the grayscale version is **21.1284, 0.3127, 0.3290**.

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 **24.1965, 0.2143, 0.2657**, and if you desaturate by 10%, it is **28.3409, 0.2335, 0.2847**.

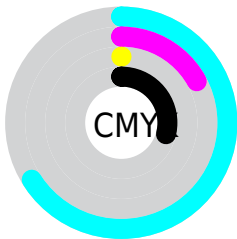
Distribution



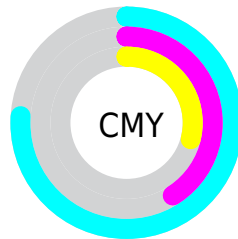
- Red (24%)
- Green (59%)
- Blue (71%)



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



- Cyan (66%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1410, 0.2230, 0.2753 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 26.1410, 0.2230, 0.2753 by changing the saturation by 10% instead.

■ 26.1410, 0.2230,
0.2753

■ 26.1410, 0.2230,
0.2753

■ 283.4736, 0.2703,
0.3054

■ 16.9292, 0.2105,
0.2667

■ 53.5023, 0.2407,
0.2870

■ 10.1840, 0.1943,
0.2550

■ 72.4206, 0.2472,
0.2912

■ 5.5211, 0.1723,
0.2383

■ 95.3431, 0.2527,
0.2946

■ 2.5561, 0.1415,
0.2130

■ 122.6543, 0.2573,
0.2975

■ 0.9047, 0.0873,
0.1738

■ 154.7386, 0.2612,
0.2999

■ 0.0000, 0.0000,
0.0000

191.9803, 0.2647,

0.3020

234.7638, 0.2677,
0.3038

■ 26.1410, 0.2230,
0.2753

■ 26.1410, 0.2230,
0.2753

■ 24.1965, 0.2143,
0.2657

■ 28.3409, 0.2335,
0.2847

■ 22.4836, 0.2074,
0.2561

■ 30.8116, 0.2456,
0.2938

■ 20.9755, 0.2025,
0.2466

■ 33.5703, 0.2590,
0.3025

■ 20.4397, 0.2009,
0.2431

■ 36.6319, 0.2732,
0.3106

■ 40.0099, 0.2881,
0.3181

■ 43.7170, 0.3032,
0.3250

■ 47.7652, 0.3184,
0.3313

■ 52.1657, 0.3334,
0.3369

■ 56.9292, 0.3480,
0.3419

Harmonies

Analogous

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



26.1410, 0.2314, 0.3152



26.1410, 0.2230, 0.2753



26.1410, 0.2358, 0.2537

Triad

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



26.1410, 0.2230, 0.2753



26.1410, 0.3645, 0.2954



26.1410, 0.3532, 0.4186

Complementary

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



26.1410, 0.2230, 0.2753



17.8324, 0.4925, 0.3701

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.



26.1410, 0.3928, 0.4041



26.1410, 0.2230, 0.2753



26.1410, 0.4010, 0.3326

Square

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



26.1410, 0.2230, 0.2753



26.1410, 0.3148, 0.2666



26.1410, 0.4111, 0.3716



26.1410, 0.3046, 0.4048

Rectangle

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



26.1410, 0.2230, 0.2753



26.1410, 0.2554, 0.2502



26.1410, 0.4111, 0.3716



26.1410, 0.3681, 0.4165

Sweetspot

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



26.1419, 0.2230, 0.2753



69.1179, 0.2820, 0.3151



34.7950, 0.2878, 0.4922



14.5791, 0.2779, 0.3130



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.



26.1419, 0.2230, 0.2753



42.0410, 0.2112, 0.2618



11.8268, 0.1972, 0.1663



9.2522, 0.2986, 0.3230



14.2092, 0.2012, 0.2442



0.5350, 0.2085, 0.2706

Inverse Universe

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



15.3732, 0.3641, 0.2134



23.3874, 0.3789, 0.2006



32.2994, 0.4283, 0.4467



8.6084, 0.3176, 0.3123



7.9746, 0.3980, 0.1966



0.2598, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 26.1410, 0.2230, 0.2753 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 26.1410, 0.2230, 0.2753 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 26.1410, 0.2230, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 26.1410, 0.2230, 0.2753.

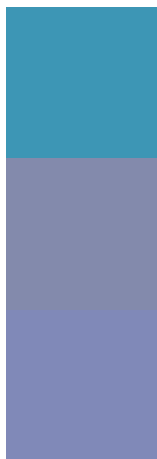


This preview shows how white text looks on a background with the Yxy color 26.1410, 0.2230, 0.2753.

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

26.1410, 0.2230, 0.2753

Protanopia

25.9808, 0.2739, 0.2748

Deuteranopia

25.9412, 0.2613, 0.2558



Tritanopia

26.2291, 0.2293, 0.3069

Trichromacy



Original Color

26.1410, 0.2230, 0.2753

Protanomaly

25.5053, 0.2508, 0.2739

Deuteranomaly

25.7080, 0.2438, 0.2620

Tritanomaly

26.2090, 0.2267, 0.2949

Monochromacy



Original Color

26.1410, 0.2230, 0.2753

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 26.1410, 0.2230, 0.2753 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(61, 150, 181)` looks like.

```
.text, #text, p{  
    color:rgb(61, 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(61, 150, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 150, 181) }
```

Border

The CSS property to change the border of an element to Yxy 26.1410, 0.2230, 0.2753 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(61, 150, 181) }
```

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

```
.border{ border-color:rgb(61, 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(61, 150, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 150, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 150, 181);  
box-shadow:4px 4px 4px 4px rgb(61, 150,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1410, 0.2230, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 150, 181) }
```

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

```
.background{ background-color: rgb(61, 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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