

Converting Colors

$Y_{xy}(26.9860, 0.2264, 0.2792)$

Have a look what the booklet for
Yxy(26.9860, 0.2264, 0.2792)
contains.

Yxy(26.9860, 0.2264, 0.2792)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(26.9860, 0.2264, 0.2792)$

Conversions

Conversions Part 1

Format	Color
Hex	4398B5
RGB	67, 152, 181
RGB Percent	26%, 60%, 71%
CMY	0.7375, 0.4039, 0.2901
CMYK	0.63, 0.16, 0.00, 0.29
HSL	195°, 46%, 49%
HSV	195°, 63%, 71%
XYZ	21.8826, 26.9860, 47.7861
YIQ	129.8910, -59.9690, -9.0010

Conversions

Conversions Part 2

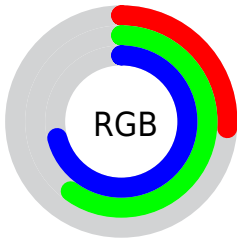
Format	Color
R_{YB}	67, 116, 181
Decimal	4430005
CIE _{Lab}	58.96, -16.66, -22.74
CIE _{LCh}	59, 28.194, 233.776
Yxy	26.9860, 0.2264, 0.2792
Android (android.graphics.Color)	4282620085 (0xFF4398B5)
YUV	129.8910, 25.1967, -55.1554
Hunter-Lab	51.9481, -15.7176, -18.1762

Details

The Yxy color **26.9860, 0.2264, 0.2792** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **18.5917, 0.4807, 0.3685**, and the grayscale version is **22.2040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6927, 0.2433, 0.2895**, and **10.8659, 0.2061, 0.2619** is the 20% darker color. If you saturate the color by 10%, you get **24.9785, 0.2171, 0.2698**, and if you desaturate by 10%, it is **29.2534, 0.2374, 0.2884**.

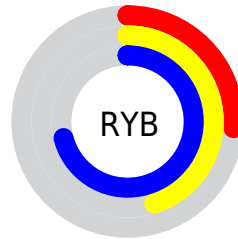
Distribution



Red (26%)

Green (60%)

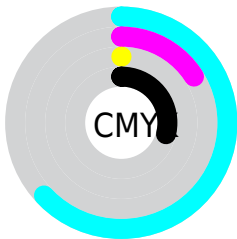
Blue (71%)



Red (26%)

Yellow (45%)

Blue (71%)

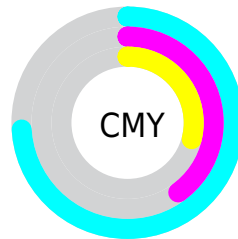


Cyan (63%)

Magenta (16%)

Yellow (0%)

Black (29%)



Cyan (74%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9860, 0.2264, 0.2792 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 26.9860, 0.2264, 0.2792 by changing the saturation by 10% instead.

■ 26.9860, 0.2264,
0.2792

■ 26.9860, 0.2264,
0.2792

■ 287.5893, 0.2718,
0.3071

■ 17.5627, 0.2145,
0.2712

■ 54.8614, 0.2434,
0.2901

■ 10.6365, 0.1989,
0.2604

■ 74.0823, 0.2496,
0.2939

■ 5.8230, 0.1778,
0.2450

■ 97.3379, 0.2548,
0.2971

■ 2.7377, 0.1482,
0.2215

■ 125.0125, 0.2593,
0.2997

■ 0.9964, 0.0992,
0.1843

■ 157.4905, 0.2631,
0.3020

■ 0.0000, 0.0000,
0.0000

195.1564, 0.2664,

0.3039

238.3946, 0.2693,
0.3056

■ 26.9860, 0.2264,
0.2792

■ 26.9860, 0.2264,
0.2792

■ 24.9785, 0.2171,
0.2698

■ 29.2534, 0.2374,
0.2884

■ 23.2080, 0.2097,
0.2604

■ 31.7952, 0.2499,
0.2972

■ 21.6516, 0.2043,
0.2510

■ 34.6283, 0.2635,
0.3055

■ 20.6582, 0.2013,
0.2445

■ 37.7669, 0.2780,
0.3133

■ 41.2243, 0.2930,
0.3206

■ 45.0129, 0.3081,
0.3271

■ 49.1444, 0.3233,
0.3331

■ 53.6299, 0.3382,
0.3384

■ 58.4798, 0.3527,
0.3431

Harmonies

Analogous

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



26.9860, 0.2356, 0.3182



26.9860, 0.2264, 0.2792



26.9860, 0.2377, 0.2574

Triad

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



26.9860, 0.2264, 0.2792



26.9860, 0.3601, 0.2952



26.9860, 0.3539, 0.4146

Complementary

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



26.9860, 0.2264, 0.2792



18.5917, 0.4807, 0.3685

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.



26.9860, 0.3910, 0.3999



26.9860, 0.2264, 0.2792



26.9860, 0.3959, 0.3308

Square

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



26.9860, 0.2264, 0.2792



26.9860, 0.3123, 0.2679



26.9860, 0.4072, 0.3684



26.9860, 0.3075, 0.4027

Rectangle

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



26.9860, 0.2264, 0.2792



26.9860, 0.2560, 0.2532



26.9860, 0.4072, 0.3684



26.9860, 0.3679, 0.4123

Sweetspot

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



26.9870, 0.2264, 0.2792



69.8402, 0.2835, 0.3161



35.0852, 0.2882, 0.4831



14.7275, 0.2793, 0.3140



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.



26.9870, 0.2264, 0.2792



43.3238, 0.2137, 0.2658



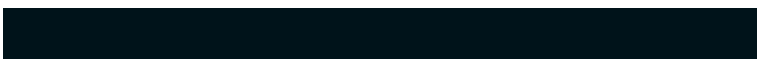
12.7974, 0.2026, 0.1753



9.2582, 0.2986, 0.3231



14.3519, 0.2016, 0.2457



0.5385, 0.2088, 0.2716

Inverse Universe

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



16.1022, 0.3601, 0.2169



24.1367, 0.3747, 0.2020



32.8533, 0.4228, 0.4426



8.6091, 0.3175, 0.3122



7.9890, 0.3965, 0.1958



0.2601, 0.3713, 0.1819

Previews

White Background



This preview shows how the Yxy color 26.9860, 0.2264, 0.2792 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 26.9860, 0.2264, 0.2792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

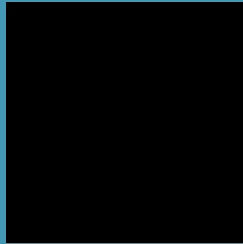
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9860, 0.2264, 0.2792

Background



This preview shows how black text looks on a background with the Yxy color 26.9860, 0.2264, 0.2792.

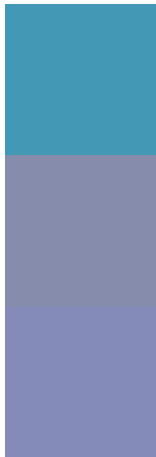


This preview shows how white text looks on a background with the Yxy color 26.9860, 0.2264, 0.2792.

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

26.9860, 0.2264, 0.2792

Protanopia

26.8031, 0.2769, 0.2785

Deuteranopia

26.8315, 0.2652, 0.2597



Tritanopia

26.8619, 0.2319, 0.3055

Trichromacy



Original Color

26.9860, 0.2264, 0.2792

Protanomaly

26.3567, 0.2545, 0.2778

Deuteranomaly

26.5536, 0.2473, 0.2659

Tritanomaly

26.8178, 0.2300, 0.2953

Monochromacy



Original Color

26.9860, 0.2264, 0.2792

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.4727, 0.2710, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9860, 0.2264, 0.2792 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(67, 152, 181)` looks like.

```
.text, #text, p{  
    color:rgb(67, 152, 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(67, 152, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 152, 181) }
```

Border

The CSS property to change the border of an element to Yxy 26.9860, 0.2264, 0.2792 is called "border". The border property can be set on classes, ids or directly on the HTML element.

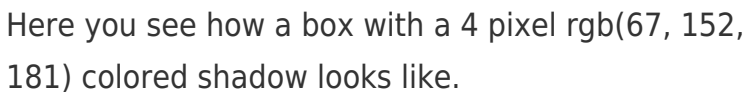
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(67, 152, 181) }
```

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

```
.border{ border-color:rgb(67, 152, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(67, 152, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 152, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 152, 181); box-shadow:4px 4px 4px 4px rgb(67, 152, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9860, 0.2264, 0.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 152, 181) }
```

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

```
.background{ background-color: rgb(67, 152,  
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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