

Converting Colors

$Yxy(26.7343, 0.2063, 0.2597)$

Have a look what the booklet for
Yxy(26.7343, 0.2063, 0.2597)
contains.

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Color

Yxy(26.7420, 0.2062, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	0A99C2
RGB	10, 153, 194
RGB Percent	4%, 60%, 76%
CMY	0.9599, 0.4000, 0.2391
CMYK	0.95, 0.21, 0.00, 0.24
HSL	193°, 90%, 40%
HSV	193°, 95%, 76%
XYZ	21.2575, 26.7420, 55.0922
YIQ	114.9170, -98.3890, -17.5650

Conversions

Conversions Part 2

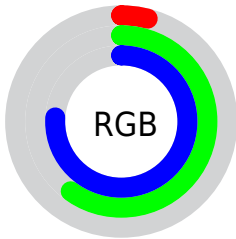
Format	Color
RYB	10, 90, 194
Decimal	694722
CIELab	58.73, -18.63, -30.52
CIELCh	59, 35.755, 238.596
Yxy	26.7420, 0.2062, 0.2594
Android (android.graphics.Color)	4278884802 (0xFF0A99C2)
YUV	114.9170, 38.9879, -92.0122
Hunter-Lab	51.7127, -17.1212, -26.9659

Details

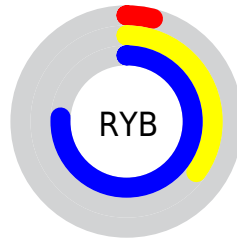
The Yxy color **26.7420, 0.2062, 0.2594** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **13.8841, 0.6008, 0.3549**, and the grayscale version is **17.0412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3000, 0.2264, 0.2733**, and **11.3962, 0.2001, 0.2405** is the 20% darker color. If you saturate the color by 10%, you get **25.9370, 0.2042, 0.2551**, and if you desaturate by 10%, it is **28.3909, 0.2109, 0.2675**.

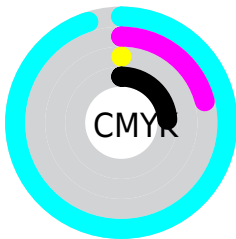
Distribution



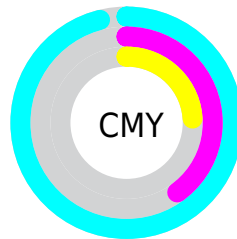
- Red (4%)
- Green (60%)
- Blue (76%)



- Red (4%)
- Yellow (35%)
- Blue (76%)



- Cyan (95%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7420, 0.2062, 0.2594 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 26.7420, 0.2062, 0.2594 by changing the saturation by 10% instead.


 26.7420, 0.2062,
0.2594


 26.7420, 0.2062,
0.2594


286.4058, 0.2615,
0.2979


 17.3796, 0.1921,
0.2487


 54.4696, 0.2266,
0.2742


 10.5055, 0.1741,
0.2344


 73.6035, 0.2342,
0.2796

 5.7354, 0.1503,
0.2146

 96.7634, 0.2405,
0.2840

 2.6848, 0.1185,
0.1858

 124.3336, 0.2460,
0.2877

 0.9695, 0.0686,
0.1433

 156.6985, 0.2506,
0.2908

 0.0000, 0.0000,
0.0000

194.2426, 0.2547,

0.2935

237.3502, 0.2583,
0.2959

■ 26.7420, 0.2062,
0.2594

■ 26.7420, 0.2062,
0.2594

■ 25.9370, 0.2042,
0.2551

■ 28.3909, 0.2109,
0.2675

■ 30.2696, 0.2174,
0.2757

■ 32.4085, 0.2259,
0.2839

■ 34.8316, 0.2362,
0.2920

■ 37.5600, 0.2481,
0.2997

■ 40.6124, 0.2613,
0.3071

■ 44.0060, 0.2755,
0.3141

■ 47.7563, 0.2903,
0.3205

■ 51.8780, 0.3055,
0.3264

Harmonies

Analogous

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



26.7420, 0.2129, 0.3047



26.7420, 0.2062, 0.2594



26.7420, 0.2238, 0.2374

Triad

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



26.7420, 0.2062, 0.2594



26.7420, 0.3817, 0.2929



26.7420, 0.3542, 0.4390

Complementary

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



26.7420, 0.2062, 0.2594



13.8841, 0.6008, 0.3549

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.



26.7420, 0.4045, 0.4221



26.7420, 0.2062, 0.2594



26.7420, 0.4235, 0.3371

Square

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



26.7420, 0.2062, 0.2594



26.7420, 0.3214, 0.2578



26.7420, 0.4312, 0.3833



26.7420, 0.2954, 0.4190

Rectangle

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



26.7420, 0.2062, 0.2594



26.7420, 0.2483, 0.2354



26.7420, 0.4312, 0.3833



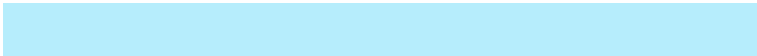
26.7420, 0.3727, 0.4369

Sweetspot

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



26.7429, 0.2062, 0.2594



77.3518, 0.2701, 0.3115



38.8897, 0.2926, 0.5688



16.3525, 0.2639, 0.3085



0.0000, 0.0000, 0.0000



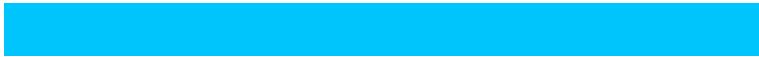
21.4041, 0.3127, 0.3290

Same Dimension

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



26.7429, 0.2062, 0.2594



46.5818, 0.2039, 0.2539



7.4399, 0.1637, 0.1049



11.0347, 0.2984, 0.3237



17.1752, 0.2045, 0.2562



0.8384, 0.2095, 0.2743

Inverse Universe

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



13.9938, 0.3827, 0.1905



24.7696, 0.3884, 0.1913



30.8243, 0.4747, 0.4576



10.2078, 0.3171, 0.3113



9.0161, 0.3861, 0.1901



0.3993, 0.3688, 0.1805

Previews

White Background



This preview shows how the Yxy color 26.7420, 0.2062, 0.2594 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 26.7420, 0.2062, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

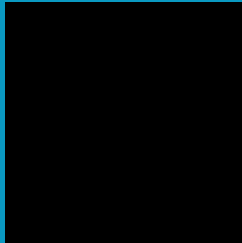
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7420, 0.2062, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 26.7420, 0.2062, 0.2594.

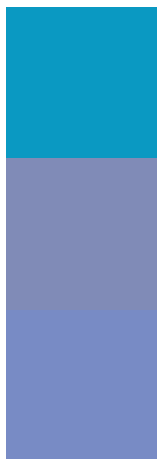


This preview shows how white text looks on a background with the Yxy color 26.7420, 0.2062, 0.2594.

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

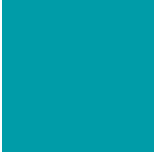
26.7420, 0.2062, 0.2594

Protanopia

26.4733, 0.2625, 0.2604

Deuteranopia

26.4895, 0.2458, 0.2407



Tritanopia

26.6041, 0.2185, 0.3067

Trichromacy



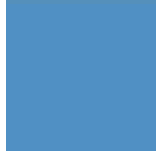
Original Color

26.7420, 0.2062, 0.2594



Protanomaly

25.4657, 0.2294, 0.2575



Deuteranomaly

25.6375, 0.2217, 0.2446



Tritanomaly

26.6428, 0.2141, 0.2894

Monochromacy



Original Color

26.7420, 0.2062, 0.2594



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

19.2919, 0.2472, 0.2991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7420, 0.2062, 0.2594 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(10, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(10, 153, 194)  
}
```

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(10, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 153, 194) }
```

Border

The CSS property to change the border of an element to Yxy 26.7420, 0.2062, 0.2594 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(10, 153, 194) }
```

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

```
.border{ border-color:rgb(10, 153, 194) }
```

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

Here you see how a box with a 4 pixel rgb(10, 153, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(10, 153,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7420, 0.2062, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 153, 194) }
```

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

```
.background{ background-color: rgb(10, 153,  
194) }
```

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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