

Converting Colors

$Yxy(26.6446, 0.2046, 0.2521)$

Have a look what the booklet for
Yxy(26.6446, 0.2046, 0.2521)
contains.

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Color

Yxy(26.6352, 0.2046, 0.2520)

Conversions

Conversions Part 1

Format	Color
Hex	1098C6
RGB	16, 152, 198
RGB Percent	6%, 60%, 78%
CMY	0.9392, 0.4040, 0.2235
CMYK	0.92, 0.23, 0.00, 0.22
HSL	195°, 85%, 42%
HSV	195°, 92%, 78%
XYZ	21.6252, 26.6352, 57.4348
YIQ	116.5800, -95.8220, -14.5260

Conversions

Conversions Part 2

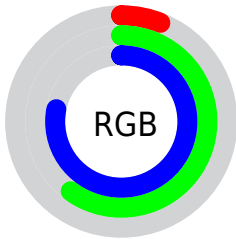
Format	Color
R_{YB}	16, 94, 198
Decimal	1087686
CIE _{Lab}	58.64, -16.46, -32.92
CIE _{LCh}	59, 36.803, 243.431
Yxy	26.6352, 0.2046, 0.2520
Android (android.graphics.Color)	4279277766 (0xFF1098C6)
YUV	116.5800, 40.1401, -88.2087
Hunter-Lab	51.6093, -15.5215, -29.8560

Details

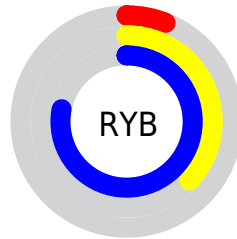
The Yxy color **26.6352, 0.2046, 0.2520** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **15.4387, 0.5881, 0.3620**, and the grayscale version is **17.4994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1874, 0.2252, 0.2677**, and **11.3210, 0.1974, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **25.2813, 0.2013, 0.2447**, and if you desaturate by 10%, it is **28.5482, 0.2101, 0.2613**.

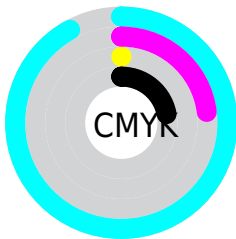
Distribution



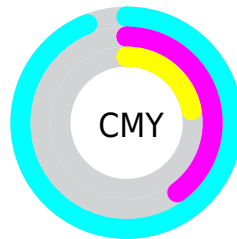
- Red (6%)
- Green (60%)
- Blue (78%)



- Red (6%)
- Yellow (37%)
- Blue (78%)



- Cyan (92%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (94%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6352, 0.2046, 0.2520 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 26.6352, 0.2046, 0.2520 by changing the saturation by 10% instead.

■ 26.6352, 0.2046,
0.2520

■ 26.6352, 0.2046,
0.2520

■ 285.8865, 0.2606,
0.2942

■ 17.2994, 0.1904,
0.2405

■ 54.2979, 0.2252,
0.2681

■ 10.4482, 0.1722,
0.2252

■ 73.3937, 0.2329,
0.2739

■ 5.6971, 0.1485,
0.2043

■ 96.5115, 0.2394,
0.2788

■ 2.6618, 0.1168,
0.1744

■ 124.0359, 0.2449,
0.2828

■ 0.9578, 0.0695,
0.1313

■ 156.3512, 0.2496,
0.2863

■ 0.0000, 0.0000,
0.0000

193.8418, 0.2538,

0.2893

236.8921, 0.2574,
0.2919

■ 26.6352, 0.2046,
0.2520

■ 26.6352, 0.2046,
0.2520

■ 25.2813, 0.2013,
0.2447

■ 28.5482, 0.2101,
0.2613

■ 30.7251, 0.2176,
0.2708

■ 33.1962, 0.2270,
0.2801

■ 35.9863, 0.2381,
0.2892

■ 39.1171, 0.2507,
0.2980

■ 42.6079, 0.2645,
0.3063

■ 46.4765, 0.2791,
0.3140

■ 50.7394, 0.2941,
0.3212

■ 55.4119, 0.3094,
0.3277

Harmonies

Analogous

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



26.6352, 0.2074, 0.2948



26.6352, 0.2046, 0.2520



26.6352, 0.2265, 0.2335

Triad

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



26.6352, 0.2046, 0.2520



26.6352, 0.3926, 0.2986



26.6352, 0.3456, 0.4420

Complementary

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



26.6352, 0.2046, 0.2520



15.4387, 0.5881, 0.3620

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.



26.6352, 0.3999, 0.4295



26.6352, 0.2046, 0.2520



26.6352, 0.4308, 0.3448

Square

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



26.6352, 0.2046, 0.2520



26.6352, 0.3319, 0.2607



26.6352, 0.4325, 0.3917



26.6352, 0.2853, 0.4150

Rectangle

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



26.6352, 0.2046, 0.2520



26.6352, 0.2540, 0.2338



26.6352, 0.4325, 0.3917



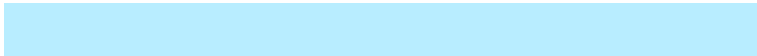
26.6352, 0.3652, 0.4418

Sweetspot

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



26.6361, 0.2046, 0.2520



77.9256, 0.2699, 0.3092



40.8385, 0.2899, 0.5573



16.0591, 0.2636, 0.3058



0.0000, 0.0000, 0.0000



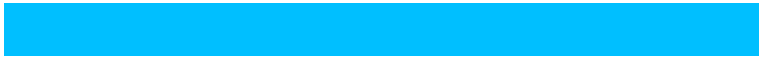
21.4041, 0.3127, 0.3290

Same Dimension

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



26.6361, 0.2046, 0.2520



44.3468, 0.2010, 0.2434



7.5359, 0.1635, 0.1020



11.5971, 0.2984, 0.3230



16.5809, 0.2017, 0.2460



0.8956, 0.2070, 0.2653

Inverse Universe

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



14.6304, 0.3898, 0.1957



25.0080, 0.3989, 0.1971



34.6261, 0.4646, 0.4640



10.7691, 0.3175, 0.3119



9.2138, 0.3962, 0.1956



0.4474, 0.3773, 0.1852

Previews

White Background



This preview shows how the Yxy color 26.6352, 0.2046, 0.2520 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 26.6352, 0.2046, 0.2520 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 26.6352, 0.2046, 0.2520

Background



This preview shows how black text looks on a background with the Yxy color 26.6352, 0.2046, 0.2520.

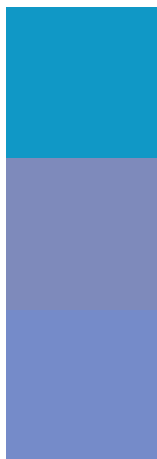


This preview shows how white text looks on a background with the Yxy color 26.6352, 0.2046, 0.2520.

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

26.6438, 0.2047, 0.2521

Protanopia

26.2004, 0.2575, 0.2531

Deuteranopia

26.4642, 0.2410, 0.2352



Tritanopia

26.6041, 0.2185, 0.3067

Trichromacy



Original Color

26.6438, 0.2047, 0.2521



Protanomaly

25.3849, 0.2274, 0.2503



Deuteranomaly

25.8221, 0.2197, 0.2393



Tritanomaly

26.7361, 0.2134, 0.2862

Monochromacy



Original Color

26.6438, 0.2047, 0.2521



Achromatopsia

17.4647, 0.3127, 0.3290



Achromatomaly

19.4381, 0.2472, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6352, 0.2046, 0.2520 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(16, 152, 198)` looks like.

```
.text, #text, p{  
    color:rgb(16, 152, 198)  
}
```

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(16, 152, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 152, 198) }
```

Border

The CSS property to change the border of an element to Yxy 26.6352, 0.2046, 0.2520 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(16, 152, 198) }
```

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

```
.border{ border-color:rgb(16, 152, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 152, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 152, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 152, 198);  
box-shadow:4px 4px 4px 4px rgb(16, 152,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6352, 0.2046, 0.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 152, 198) }
```

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

```
.background{ background-color: rgb(16, 152,  
198) }
```

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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