

Converting Colors

$Yxy(25.7426, 0.2188, 0.3520)$

Have a look what the booklet for
Yxy(25.7426, 0.2188, 0.3520)
contains.

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Color

$\text{Yxy}(26.5290, 0.2312, 0.3521)$

Conversions

Conversions Part 1

Format	Color
Hex	019E92
RGB	1, 158, 146
RGB Percent	0%, 62%, 57%
CMY	0.9979, 0.3804, 0.4274
CMYK	1.00, 0.00, 0.08, 0.38
HSL	175°, 99%, 31%
HSV	175°, 100%, 62%
XYZ	17.4198, 26.5290, 31.3963
YIQ	109.6890, -89.7200, -37.0160

Conversions

Conversions Part 2

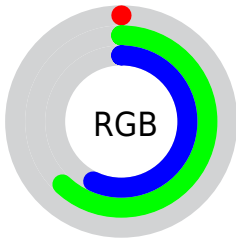
Format	Color
RYB	1, 83, 158
Decimal	106130
CIELab	58.54, -37.26, -3.62
CIElCh	59, 37.438, 185.549
Yxy	26.5290, 0.2312, 0.3521
Android (android.graphics.Color)	4278296210 (0xFF019E92)
YUV	109.6890, 17.9013, -95.3203
Hunter-Lab	51.5063, -29.7661, -0.0865

Details

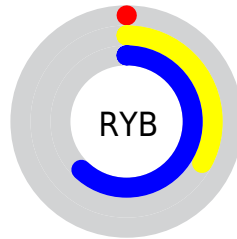
The Yxy color **26.5290, 0.2312, 0.3521** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.3076, 0.6297, 0.3246**, and the grayscale version is **15.4223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9828, 0.2477, 0.3470**, and **11.1526, 0.2325, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **26.5254, 0.2312, 0.3522**, and if you desaturate by 10%, it is **26.6773, 0.2323, 0.3496**.

Distribution



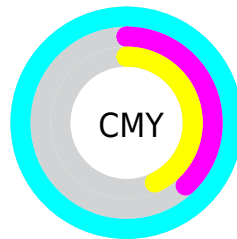
- Red (0%)
- Green (62%)
- Blue (57%)



- Red (0%)
- Yellow (33%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5290, 0.2312, 0.3521 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 26.5290, 0.2312, 0.3521 by changing the saturation by 10% instead.


 26.5290, 0.2312,
0.3521


 26.5290, 0.2312,
0.3521


285.3693, 0.2750,
0.3402


 17.2198, 0.2192,
0.3551


 54.1271, 0.2479,
0.3477


 10.3913, 0.2033,
0.3590


 73.1849, 0.2539,
0.3461

 5.6592, 0.1811,
0.3639

 96.2609, 0.2589,
0.3447

 2.6390, 0.1483,
0.3703

 123.7396, 0.2631,
0.3435

 0.9463, 0.0000,
0.4179

 156.0054, 0.2668,
0.3425

 0.0000, 0.0000,
0.0000

 193.4427, 0.2699,

0.3417

236.4359, 0.2726,
0.3409

■ 26.5290, 0.2312,
0.3521

■ 26.5290, 0.2312,
0.3521

■ 26.5254, 0.2312,
0.3522

■ 26.6773, 0.2323,
0.3496

■ 26.9114, 0.2348,
0.3471

■ 27.2673, 0.2390,
0.3446

■ 27.7603, 0.2451,
0.3420

■ 28.4036, 0.2530,
0.3396

■ 29.2086, 0.2626,
0.3372

■ 30.1859, 0.2736,
0.3349

■ 31.3449, 0.2859,
0.3328

■ 32.6944, 0.2992,
0.3308

Harmonies

Analogous

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



26.5290, 0.2806, 0.4133



26.5290, 0.2312, 0.3521



26.5290, 0.2046, 0.2902

Triad

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



26.5290, 0.2312, 0.3521



26.5290, 0.2743, 0.2371



26.5290, 0.4333, 0.3958

Complementary

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



26.5290, 0.2312, 0.3521



7.3076, 0.6297, 0.3246

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.



26.5290, 0.4344, 0.3483



26.5290, 0.2312, 0.3521



26.5290, 0.3368, 0.2619

Square

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



26.5290, 0.2312, 0.3521



26.5290, 0.2275, 0.2315



26.5290, 0.3979, 0.3012



26.5290, 0.3980, 0.4332

Rectangle

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



26.5290, 0.2312, 0.3521



26.5290, 0.2011, 0.2596



26.5290, 0.3979, 0.3012



26.5290, 0.4379, 0.3804

Sweetspot

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



26.5300, 0.2312, 0.3521



54.6463, 0.2726, 0.3351



24.5430, 0.3022, 0.5979



12.1549, 0.2681, 0.3360



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.5300, 0.2312, 0.3521



48.1615, 0.2313, 0.3527



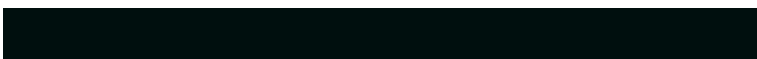
10.1924, 0.1858, 0.1887



7.5008, 0.2998, 0.3307



21.2488, 0.2311, 0.3520



0.3823, 0.2283, 0.3419

Inverse Universe

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



7.3076, 0.6297, 0.3246



13.2373, 0.6327, 0.3259



11.1820, 0.5621, 0.3914



6.6539, 0.3273, 0.3273



5.8457, 0.6293, 0.3240



0.1066, 0.5818, 0.2979

Previews

White Background



This preview shows how the Yxy color 26.5290, 0.2312, 0.3521 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 26.5290, 0.2312, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

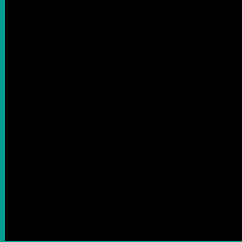
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5290, 0.2312, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 26.5290, 0.2312, 0.3521.



This preview shows how white text looks on a background with the Yxy color 26.5290, 0.2312, 0.3521.

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

26.5355, 0.2313, 0.3521

Protanopia

26.1438, 0.3223, 0.3356

Deuteranopia

26.2322, 0.3116, 0.3052



Tritanopia

26.6448, 0.2246, 0.3069

Trichromacy



Original Color

26.5355, 0.2313, 0.3521



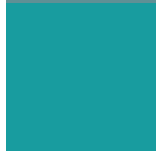
Protanomaly

24.6972, 0.2680, 0.3420



Deuteranomaly

24.5493, 0.2620, 0.3197



Tritanomaly

26.4743, 0.2261, 0.3231

Monochromacy



Original Color

26.5355, 0.2313, 0.3521



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

17.9109, 0.2579, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5290, 0.2312, 0.3521 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(1, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(1, 158, 146)  
}
```

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(1, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 158, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.5290, 0.2312, 0.3521 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(1, 158, 146) }
```

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

```
.border{ border-color:rgb(1, 158, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 158, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(1, 158,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5290, 0.2312, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 158, 146) }
```

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

```
.background{ background-color: rgb(1, 158,  
146) }
```

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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