

Converting Colors

$Y_{xy}(25.9048, 0.2362, 0.3522)$

Have a look what the booklet for
Yxy(25.9048, 0.2362, 0.3522)
contains.

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Color

$\text{Yxy}(26.0819, 0.2361, 0.3521)$

Conversions

Conversions Part 1

Format	Color
Hex	1F9C90
RGB	31, 156, 144
RGB Percent	12%, 61%, 56%
CMY	0.8783, 0.3882, 0.4352
CMYK	0.80, 0.00, 0.08, 0.39
HSL	174°, 67%, 37%
HSV	174°, 80%, 61%
XYZ	17.4892, 26.0819, 30.5042
YIQ	117.2570, -70.6480, -30.2320

Conversions

Conversions Part 2

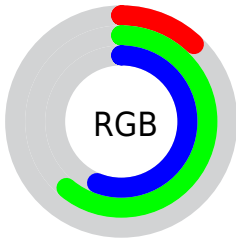
Format	Color
RYB	31, 97, 156
Decimal	2071696
CIELab	58.11, -35.07, -3.08
CIELCh	58, 35.206, 185.024
Yxy	26.0819, 0.2361, 0.3521
Android (android.graphics.Color)	4280261776 (0xFF1F9C90)
YUV	117.2570, 13.1843, -75.6474
Hunter-Lab	51.0704, -28.2456, 0.3356

Details

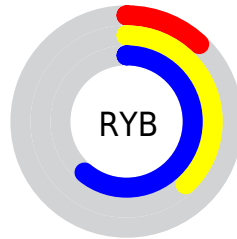
The Yxy color **26.0819, 0.2361, 0.3521** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8.2244, 0.5637, 0.3167**, and the grayscale version is **17.8517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3751, 0.2519, 0.3470**, and **10.7088, 0.2326, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **25.8508, 0.2339, 0.3553**, and if you desaturate by 10%, it is **26.4328, 0.2401, 0.3489**.

Distribution



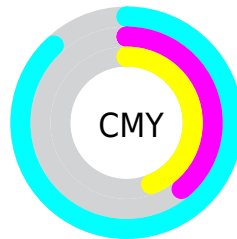
- Red (12%)
- Green (61%)
- Blue (56%)



- Red (12%)
- Yellow (38%)
- Blue (61%)



- Cyan (80%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)





- Cyan (88%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0819, 0.2361, 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 26.0819, 0.2361, 0.3521 by changing the saturation by 10% instead.


 26.0819, 0.2361,
0.3521


 26.0819, 0.2361,
0.3521


283.1839, 0.2775,
0.3400


 16.8849, 0.2247,
0.3552


 53.4070, 0.2519,
0.3476


 10.1525, 0.2095,
0.3593


 72.3040, 0.2576,
0.3460


 5.5002, 0.1880,
0.3647

 95.2031, 0.2623,
0.3446

 2.5436, 0.1561,
0.3719

 122.4886, 0.2663,
0.3434

 0.8984, 0.0000,
0.4256

 154.5451, 0.2697,
0.3424

 0.0000, 0.0000,
0.0000

 191.7569, 0.2727,

0.3415

234.5083, 0.2752,
0.3407

■ 26.0819, 0.2361,
0.3521

■ 26.0819, 0.2361,
0.3521

■ 25.8508, 0.2339,
0.3553

■ 26.4328, 0.2401,
0.3489

■ 25.7012, 0.2329,
0.3585

■ 26.9156, 0.2460,
0.3457

■ 27.5438, 0.2537,
0.3425

■ 28.3289, 0.2631,
0.3395

■ 29.2810, 0.2739,
0.3366

■ 30.4092, 0.2859,
0.3339

■ 31.7223, 0.2989,
0.3313

■ 33.2283, 0.3126,
0.3290

■ 34.9347, 0.3267,
0.3269

Harmonies

Analogous

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



26.0819, 0.2836, 0.4091



26.0819, 0.2361, 0.3521



26.0819, 0.2101, 0.2935

Triad

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



26.0819, 0.2361, 0.3521



26.0819, 0.2755, 0.2411



26.0819, 0.4274, 0.3923

Complementary

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



26.0819, 0.2361, 0.3521



8.2244, 0.5637, 0.3167

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.



26.0819, 0.4275, 0.3471



26.0819, 0.2361, 0.3521



26.0819, 0.3346, 0.2646

Square

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



26.0819, 0.2361, 0.3521



26.0819, 0.2311, 0.2363



26.0819, 0.3924, 0.3020



26.0819, 0.3947, 0.4275

Rectangle

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



26.0819, 0.2361, 0.3521



26.0819, 0.2064, 0.2641



26.0819, 0.3924, 0.3020



26.0819, 0.4314, 0.3777

Sweetspot

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



26.0829, 0.2361, 0.3521



54.2960, 0.2805, 0.3350



24.4012, 0.3068, 0.5692



11.8006, 0.2766, 0.3359



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.0829, 0.2361, 0.3521



46.7505, 0.2332, 0.3578



13.0033, 0.2019, 0.2239



7.4985, 0.3000, 0.3311



21.1727, 0.2329, 0.3582



0.3814, 0.2293, 0.3454

Inverse Universe

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



8.2244, 0.5637, 0.3167



13.0934, 0.6217, 0.3232



13.0552, 0.5140, 0.3970



6.6560, 0.3270, 0.3269



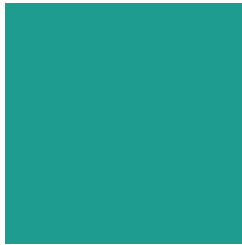
5.8527, 0.6262, 0.3223



0.1073, 0.5689, 0.2908

Previews

White Background



This preview shows how the Yxy color 26.0819, 0.2361, 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 26.0819, 0.2361, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

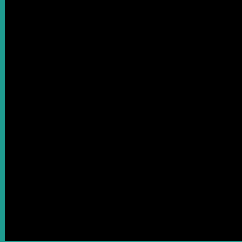
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0819, 0.2361, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 26.0819, 0.2361, 0.3521.

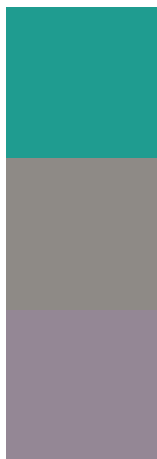


This preview shows how white text looks on a background with the Yxy color 26.0819, 0.2361, 0.3521.

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

26.0819, 0.2361, 0.3521

Protanopia

25.6490, 0.3213, 0.3357

Deuteranopia

25.7938, 0.3127, 0.3066



Tritanopia

26.1034, 0.2275, 0.3068

Trichromacy



Original Color

26.0819, 0.2361, 0.3521



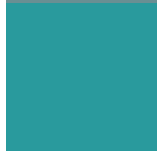
Protanomaly

24.9106, 0.2770, 0.3417



Deuteranomaly

24.7548, 0.2718, 0.3217



Tritanomaly

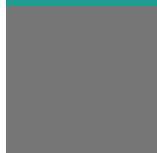
26.0169, 0.2305, 0.3231

Monochromacy



Original Color

26.0819, 0.2361, 0.3521



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

19.7433, 0.2694, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0819, 0.2361, 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(31, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(31, 156, 144)  
}
```

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(31, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 156, 144) }
```

Border

The CSS property to change the border of an element to Yxy 26.0819, 0.2361, 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(31, 156, 144) }
```

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

```
.border{ border-color:rgb(31, 156, 144) }
```

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

Here you see how a box with a 4 pixel rgb(31, 156, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(31, 156,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0819, 0.2361, 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(31, 156, 144) }
```

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

```
.background{ background-color: rgb(31, 156,  
144) }
```

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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