

Converting Colors

$Y_{xy}(26.0185, 0.2905, 0.3128)$

Have a look what the booklet for
Yxy(26.0185, 0.2905, 0.3128)
contains.

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Color

$\text{Yxy}(25.9512, 0.2907, 0.3122)$

Conversions

Conversions Part 1

Format	Color
Hex	818D97
RGB	129, 141, 151
RGB Percent	51%, 55%, 59%
CMY	0.4941, 0.4470, 0.4079
CMYK	0.15, 0.07, 0.00, 0.41
HSL	207°, 10%, 55%
HSV	207°, 15%, 59%
XYZ	24.1640, 25.9512, 33.0084
YIQ	138.5520, -10.3620, 0.5660

Conversions

Conversions Part 2

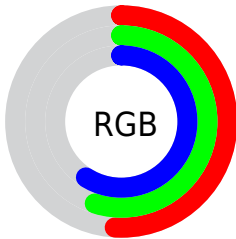
Format	Color
R_{YB}	129, 137, 151
Decimal	8490391
CIE _{Lab}	57.99, -2.18, -6.78
CIE _{LCh}	58, 7.125, 252.204
Yxy	25.9512, 0.2907, 0.3122
Android (android.graphics.Color)	4286680471 (0xFF818D97)
YUV	138.5520, 6.1369, -8.3771
Hunter-Lab	50.9423, -4.4792, -2.7577

Details

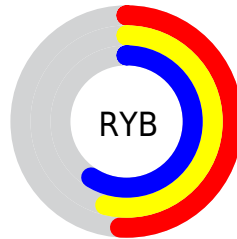
The Yxy color **25.9512, 0.2907, 0.3122** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6272, 0.3365, 0.3452**, and the grayscale version is **25.6174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3831, 0.2954, 0.3165**, and **10.1077, 0.2836, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **22.8950, 0.2751, 0.2991**, and if you desaturate by 10%, it is **29.3096, 0.3059, 0.3240**.

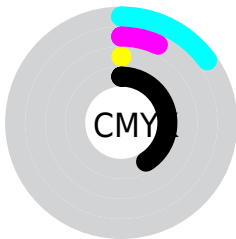
Distribution



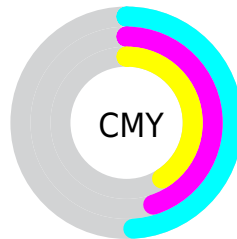
- Red (51%)
- Green (55%)
- Blue (59%)



- Red (51%)
- Yellow (54%)
- Blue (59%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9512, 0.2907, 0.3122 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 25.9512, 0.2907, 0.3122 by changing the saturation by 10% instead.

■ 25.9512, 0.2907,
0.3122

■ 25.9512, 0.2907,
0.3122

282.5424, 0.3027,
0.3215

■ 16.7871, 0.2873,
0.3096

■ 53.1962, 0.2953,
0.3158

■ 10.0828, 0.2827,
0.3059

■ 72.0459, 0.2970,
0.3171

■ 5.4539, 0.2760,
0.3007

■ 94.8930, 0.2984,
0.3181

■ 2.5160, 0.2656,
0.2923

122.1218, 0.2995,
0.3190

■ 0.8846, 0.2468,
0.2772

154.1168, 0.3005,
0.3198

■ 0.0000, 0.0000,
0.0000

191.2623, 0.3013,

0.3204

233.9427, 0.3021,
0.3210

■ 25.9512, 0.2907,
0.3122

■ 25.9512, 0.2907,
0.3122

■ 22.8950, 0.2751,
0.2991

■ 29.3096, 0.3059,
0.3240

■ 20.1279, 0.2595,
0.2849

■ 32.9764, 0.3206,
0.3346

■ 17.6404, 0.2442,
0.2695

■ 36.9614, 0.3347,
0.3441

■ 15.4214, 0.2295,
0.2532

■ 41.2733, 0.3480,
0.3524

■ 13.4585, 0.2160,
0.2362

■ 45.9202, 0.3605,
0.3597

■ 11.7383, 0.2040,
0.2188

■ 50.9098, 0.3722,
0.3662

■ 10.2457, 0.1939,
0.2015

■ 56.2498, 0.3831,
0.3718

■ 8.9623, 0.1860,
0.1847

■ 61.9474, 0.3932,
0.3768

■ 8.3275, 0.1822,
0.1757

■ 66.0838, 0.3946,
0.3828

Harmonies

Analogous

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



25.9512, 0.2898, 0.3205



25.9512, 0.2907, 0.3122



25.9512, 0.2974, 0.3085

Triad

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



25.9512, 0.2907, 0.3122



25.9512, 0.3309, 0.3263



25.9512, 0.3168, 0.3487

Complementary

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



25.9512, 0.2907, 0.3122



26.6272, 0.3365, 0.3452

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.



25.9512, 0.3280, 0.3500



25.9512, 0.2907, 0.3122



25.9512, 0.3363, 0.3368

Square

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



25.9512, 0.2907, 0.3122



25.9512, 0.3206, 0.3167



25.9512, 0.3352, 0.3455



25.9512, 0.3046, 0.3419

Rectangle

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



25.9512, 0.2907, 0.3122



25.9512, 0.3044, 0.3091



25.9512, 0.3352, 0.3455



25.9512, 0.3208, 0.3498

Sweetspot

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



25.9523, 0.2907, 0.3122



52.7994, 0.3067, 0.3246



28.6585, 0.3019, 0.3493



11.8992, 0.3056, 0.3238



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.9523, 0.2907, 0.3122



44.9078, 0.2864, 0.3087



22.8957, 0.2901, 0.2934



6.5568, 0.2989, 0.3186



7.1431, 0.1824, 0.1767



0.1794, 0.2021, 0.2474

Inverse Universe

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



24.2042, 0.3252, 0.3097



41.3104, 0.3280, 0.3058



29.9409, 0.3341, 0.3623



6.2762, 0.3203, 0.3169



6.1264, 0.4724, 0.2376



0.0989, 0.3948, 0.1949

Previews

White Background



This preview shows how the Yxy color 25.9512, 0.2907, 0.3122 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 25.9512, 0.2907, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

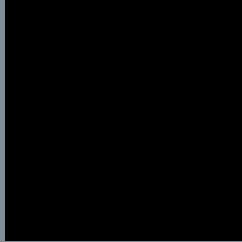
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

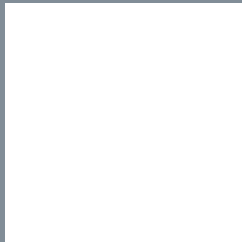
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9512, 0.2907, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 25.9512, 0.2907, 0.3122.

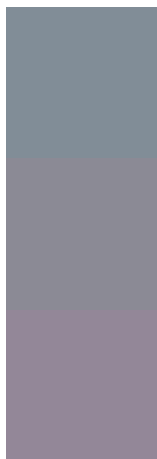


This preview shows how white text looks on a background with the Yxy color 25.9512, 0.2907, 0.3122.

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

25.9512, 0.2907, 0.3122

Protanopia

25.8359, 0.3028, 0.3109

Deuteranopia

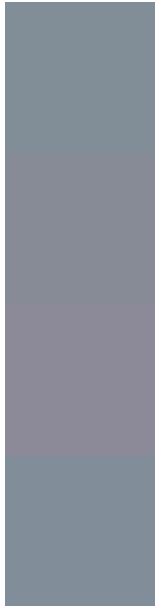
25.7980, 0.3085, 0.3019



Tritanopia

25.9839, 0.2898, 0.3105

Trichromacy



Original Color

25.9512, 0.2907, 0.3122

Protanomaly

25.8181, 0.2977, 0.3108

Deuteranomaly

25.7338, 0.3009, 0.3046

Tritanomaly

25.9839, 0.2898, 0.3105

Monochromacy



Original Color

25.9512, 0.2907, 0.3122

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8902, 0.3044, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9512, 0.2907, 0.3122 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(129, 141, 151)` looks like.

```
.text, #text, p{  
    color:rgb(129, 141, 151)  
}
```

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(129, 141, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 141, 151) }
```

Border

The CSS property to change the border of an element to Yxy 25.9512, 0.2907, 0.3122 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(129, 141, 151) }
```

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

```
.border{ border-color:rgb(129, 141, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 141, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 141, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 141, 151);  
box-shadow:4px 4px 4px 4px rgb(129, 141,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9512, 0.2907, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 141, 151) }
```

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

```
.background{ background-color: rgb(129,  
141, 151) }
```

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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