

Converting Colors

$Y_{xy}(25.9398, 0.3117, 0.3568)$

Have a look what the booklet for
Yxy(25.9398, 0.3117, 0.3568)
contains.

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Color

Yxy(26.0942, 0.3114, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	809080
RGB	128, 144, 128
RGB Percent	50%, 56%, 50%
CMY	0.4980, 0.4353, 0.4980
CMYK	0.11, 0.00, 0.11, 0.44
HSL	120°, 7%, 53%
HSV	120°, 11%, 56%
XYZ	22.7739, 26.0942, 24.2659
YIQ	137.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

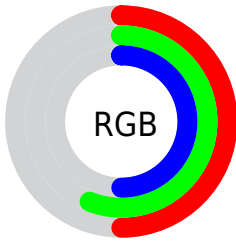
Format	Color
R_{YB}	128, 144, 144
Decimal	8425600
CIE Lab	58.13, -8.96, 6.55
CIE LCh	58, 11.094, 143.836
Yxy	26.0942, 0.3114, 0.3568
Android (android.graphics.Color)	4286615680 (0xFF809080)
YUV	137.3920, -4.6303, -8.2368
Hunter-Lab	51.0825, -9.8143, 7.5930

Details

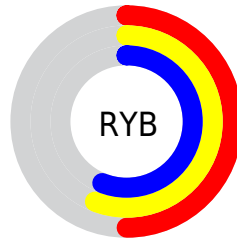
The Yxy color $26.0942, 0.3114, 0.3568$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.3837, 0.3140, 0.3027$, and the grayscale version is $25.1932, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5481, 0.3117, 0.3507$, and $10.2322, 0.3109, 0.3682$ is the 20% darker color. If you saturate the color by 10%, you get $24.7041, 0.3101, 0.3853$, and if you desaturate by 10%, it is $27.6988, 0.3126, 0.3316$.

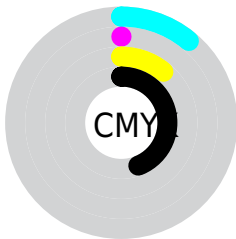
Distribution



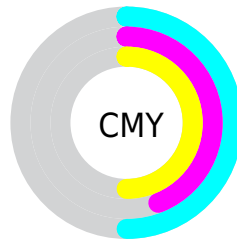
- Red (50%)
- Green (56%)
- Blue (50%)



- Red (50%)
- Yellow (56%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)





- Cyan (50%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0942, 0.3114, 0.3568 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 26.0942, 0.3114, 0.3568 by changing the saturation by 10% instead.


 26.0942, 0.3114,
0.3568

 26.0942, 0.3114,
0.3568


283.2442, 0.3122,
0.3413


 16.8941, 0.3111,
0.3613


 53.4269, 0.3118,
0.3507

 10.1590, 0.3107,
0.3676


 72.3283, 0.3119,
0.3486

 5.5045, 0.3099,
0.3768

 95.2322, 0.3120,
0.3468

 2.5462, 0.3085,
0.3919

122.5231, 0.3121,
0.3454

 0.8997, 0.3092,
0.4372

154.5854, 0.3121,
0.3441

 0.0000, 0.0000,
0.0000

191.8034, 0.3122,

0.3431

234.5615, 0.3122,
0.3421

■ 26.0942, 0.3114,
0.3568

■ 26.0942, 0.3114,
0.3568

■ 24.7041, 0.3101,
0.3853

■ 27.6988, 0.3126,
0.3316

■ 23.5162, 0.3086,
0.4169

■ 29.5228, 0.3136,
0.3096

■ 22.5222, 0.3070,
0.4508

■ 31.5754, 0.3145,
0.2905

■ 21.7117, 0.3053,
0.4857

■ 33.8640, 0.3153,
0.2742

■ 21.0735, 0.3037,
0.5195

■ 36.3958, 0.3160,
0.2601

■ 20.5951, 0.3023,
0.5498

■ 39.1777, 0.3166,
0.2480

■ 20.2625, 0.3012,
0.5740

■ 42.2162, 0.3171,
0.2376

■ 20.0591, 0.3004,
0.5903

■ 45.5178, 0.3175,
0.2286

■ 19.9464, 0.3000,
0.5999

■ 48.4261, 0.3177,
0.2221

Harmonies

Analogous

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



26.0942, 0.3300, 0.3622



26.0942, 0.3114, 0.3568



26.0942, 0.2935, 0.3432

Triad

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



26.0942, 0.3114, 0.3568



26.0942, 0.2818, 0.2998



26.0942, 0.3454, 0.3309

Complementary

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



26.0942, 0.3114, 0.3568



23.3837, 0.3140, 0.3027

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.



26.0942, 0.3318, 0.3153



26.0942, 0.3114, 0.3568



26.0942, 0.2949, 0.2976

Square

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



26.0942, 0.3114, 0.3568



26.0942, 0.2768, 0.3098



26.0942, 0.3132, 0.3033



26.0942, 0.3500, 0.3465

Rectangle

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



26.0942, 0.3114, 0.3568



26.0942, 0.2844, 0.3316



26.0942, 0.3132, 0.3033



26.0942, 0.3417, 0.3255

Sweetspot

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



26.0953, 0.3114, 0.3568



48.2709, 0.3124, 0.3363



27.4341, 0.3287, 0.3554



11.0185, 0.3123, 0.3381



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.0953, 0.3114, 0.3568



45.4647, 0.3111, 0.3627



26.3139, 0.3037, 0.3427



6.0294, 0.3116, 0.3517



17.3700, 0.3000, 0.5999



0.1661, 0.2999, 0.5996

Inverse Universe

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



23.3837, 0.3140, 0.3027



39.8320, 0.3142, 0.2975



23.1482, 0.3227, 0.3157



5.5110, 0.3137, 0.3073



6.9142, 0.3211, 0.1542



0.0661, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 26.0942, 0.3114, 0.3568 looks on a white background.

Color Contrast Check

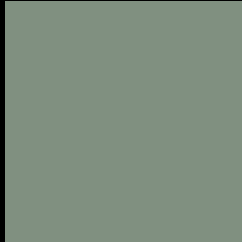
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0942, 0.3114, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

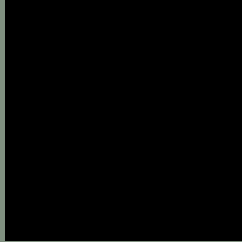
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

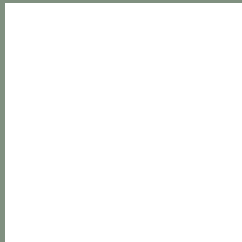
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0942, 0.3114, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 26.0942, 0.3114, 0.3568.



This preview shows how white text looks on a background with the Yxy color 26.0942, 0.3114, 0.3568.

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

26.0942, 0.3114, 0.3568

Protanopia

25.9656, 0.3340, 0.3523

Deuteranopia

26.1078, 0.3434, 0.3370



Tritanopia

26.2223, 0.2928, 0.3107

Trichromacy



Original Color

26.0942, 0.3114, 0.3568

Protanomaly

26.0451, 0.3257, 0.3544

Deuteranomaly

25.8729, 0.3311, 0.3439

Tritanomaly

26.1545, 0.3002, 0.3273

Monochromacy



Original Color

26.0942, 0.3114, 0.3568

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5457, 0.3122, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0942, 0.3114, 0.3568 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(128, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 144, 128)  
}
```

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(128, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 144, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.0942, 0.3114, 0.3568 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(128, 144, 128) }
```

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

```
.border{ border-color:rgb(128, 144, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 144, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 144, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 144, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 144,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0942, 0.3114, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 144, 128) }
```

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

```
.background{ background-color: rgb(128,  
144, 128) }
```

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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