

Converting Colors

$Yxy(26.2287, 0.2794, 0.3414)$

Have a look what the booklet for
Yxy(26.2287, 0.2794, 0.3414)
contains.

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Color

Yxy(26.2287, 0.2794, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	6B948D
RGB	107, 148, 141
RGB Percent	42%, 58%, 55%
CMY	0.5802, 0.4196, 0.4470
CMYK	0.28, 0.00, 0.05, 0.42
HSL	170°, 16%, 50%
HSV	170°, 28%, 58%
XYZ	21.4654, 26.2287, 29.1328
YIQ	134.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

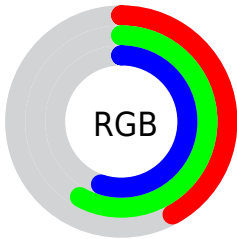
Format	Color
R_{YB}	107, 129, 148
Decimal	7050381
CIE _{Lab}	58.25, -15.57, -0.85
CIE _{LCh}	58, 15.593, 183.133
Yxy	26.2287, 0.2794, 0.3414
Android (android.graphics.Color)	4285240461 (0xFF6B948D)
YUV	134.9430, 2.9861, -24.5060
Hunter-Lab	51.2140, -14.8093, 2.1230

Details

The Yxy color $26.2287, 0.2794, 0.3414$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.0362, 0.3606, 0.3171$, and the grayscale version is $24.2051, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5521, 0.2858, 0.3381$, and $10.2043, 0.2675, 0.3452$ is the 20% darker color. If you saturate the color by 10%, you get $25.3148, 0.2690, 0.3466$, and if you desaturate by 10%, it is $27.3035, 0.2908, 0.3366$.

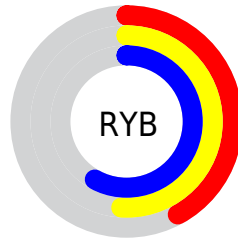
Distribution



Red (42%)

Green (58%)

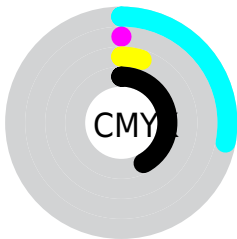
Blue (55%)



Red (42%)

Yellow (51%)

Blue (58%)

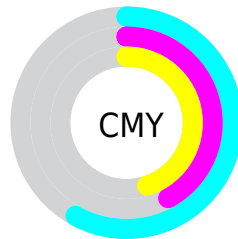


Cyan (28%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (58%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2287, 0.2794, 0.3414 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 26.2287, 0.2794, 0.3414 by changing the saturation by 10% instead.


 26.2287, 0.2794,
0.3414


 26.2287, 0.2794,
0.3414


283.9029, 0.2976,
0.3347


 16.9948, 0.2743,
0.3433


 53.6437, 0.2864,
0.3388


 10.2308, 0.2673,
0.3458


 72.5935, 0.2889,
0.3379

 5.5522, 0.2572,
0.3494

 95.5508, 0.2910,
0.3371

 2.5748, 0.2415,
0.3550

 122.9000, 0.2927,
0.3365

 0.9140, 0.1985,
0.3716

155.0254, 0.2942,
0.3359

 0.0000, 0.0000,
0.0000

192.3114, 0.2955,

0.3355

235.1425, 0.2966,
0.3351

■ 26.2287, 0.2794,
0.3414

■ 26.2287, 0.2794,
0.3414

■ 25.3148, 0.2690,
0.3466

■ 27.3035, 0.2908,
0.3366

■ 24.5506, 0.2599,
0.3520

■ 28.5433, 0.3030,
0.3321

■ 23.9284, 0.2524,
0.3578

■ 29.9564, 0.3157,
0.3281

■ 23.4386, 0.2465,
0.3636

■ 31.5491, 0.3287,
0.3244

■ 23.0705, 0.2425,
0.3696

■ 33.3277, 0.3417,
0.3212

■ 22.8114, 0.2404,
0.3756

■ 35.2982, 0.3547,
0.3183

■ 22.6384, 0.2398,
0.3815

■ 37.4662, 0.3673,
0.3158

■ 22.6013, 0.2397,
0.3829

■ 39.8370, 0.3797,
0.3136

■ 42.4160, 0.3916,
0.3117

Harmonies

Analogous

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



26.2287, 0.3024, 0.3636



26.2287, 0.2794, 0.3414



26.2287, 0.2655, 0.3165

Triad

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



26.2287, 0.2794, 0.3414



26.2287, 0.2951, 0.2869



26.2287, 0.3642, 0.3590

Complementary

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



26.2287, 0.2794, 0.3414



18.0362, 0.3606, 0.3171

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.



26.2287, 0.3624, 0.3382



26.2287, 0.2794, 0.3414



26.2287, 0.3215, 0.2977

Square

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



26.2287, 0.2794, 0.3414



26.2287, 0.2742, 0.2862



26.2287, 0.3465, 0.3161



26.2287, 0.3517, 0.3730

Rectangle

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



26.2287, 0.2794, 0.3414



26.2287, 0.2628, 0.3022



26.2287, 0.3465, 0.3161



26.2287, 0.3653, 0.3525

Sweetspot

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



26.2298, 0.2794, 0.3414



50.2535, 0.3024, 0.3323



25.8550, 0.3167, 0.4043



11.3980, 0.3007, 0.3330



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.2298, 0.2794, 0.3414



45.2855, 0.2730, 0.3445



22.6022, 0.2714, 0.3054



6.5454, 0.3011, 0.3328



19.3105, 0.2396, 0.3826



0.2400, 0.2317, 0.3539

Inverse Universe

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



18.0362, 0.3606, 0.3171



28.4444, 0.3751, 0.3144



20.7940, 0.3648, 0.3514



5.8306, 0.3257, 0.3252



5.4416, 0.6100, 0.3134



0.0696, 0.5217, 0.2647

Previews

White Background



This preview shows how the Yxy color 26.2287, 0.2794, 0.3414 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 26.2287, 0.2794, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

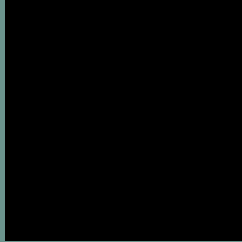
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2287, 0.2794, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 26.2287, 0.2794, 0.3414.



This preview shows how white text looks on a background with the Yxy color 26.2287, 0.2794, 0.3414.

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

26.2287, 0.2794, 0.3414

Protanopia

26.0825, 0.3202, 0.3340

Deuteranopia

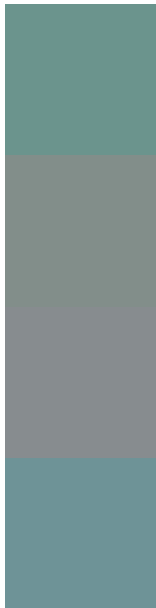
25.9209, 0.3212, 0.3147



Tritanopia

26.3716, 0.2694, 0.3100

Trichromacy



Original Color

26.2287, 0.2794, 0.3414

Protanomaly

25.9268, 0.3039, 0.3358

Deuteranomaly

25.8902, 0.3044, 0.3240

Tritanomaly

26.4168, 0.2736, 0.3219

Monochromacy



Original Color

26.2287, 0.2794, 0.3414

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.9223, 0.2997, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2287, 0.2794, 0.3414 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(107, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(107, 148, 141)  
}
```

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(107, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 148, 141) }
```

Border

The CSS property to change the border of an element to Yxy 26.2287, 0.2794, 0.3414 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(107, 148, 141) }
```

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

```
.border{ border-color:rgb(107, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(107, 148,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2287, 0.2794, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 148, 141) }
```

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

```
.background{ background-color: rgb(107,  
148, 141) }
```

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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