

Converting Colors

$Yxy(26.6185, 0.3108, 0.3787)$

Have a look what the booklet for
Yxy(26.6185, 0.3108, 0.3787)
contains.

Yxy(26.6008, 0.3114, 0.3788)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.6008, 0.3114, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	799478
RGB	121, 148, 120
RGB Percent	47%, 58%, 47%
CMY	0.5254, 0.4196, 0.5294
CMYK	0.18, 0.00, 0.19, 0.42
HSL	118°, 12%, 53%
HSV	118°, 19%, 58%
XYZ	21.8677, 26.6008, 21.7554
YIQ	136.7350, -7.1040, -14.4320

Conversions

Conversions Part 2

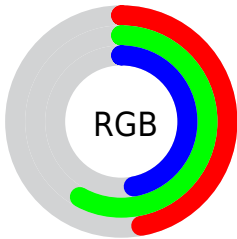
Format	Color
R_{YB}	120, 148, 147
Decimal	7967864
CIE _{Lab}	58.60, -15.19, 11.70
CIE _{LCh}	59, 19.172, 142.380
Yxy	26.6008, 0.3114, 0.3788
Android (android.graphics.Color)	4286157944 (0xFF799478)
YUV	136.7350, -8.2504, -13.7996
Hunter-Lab	51.5760, -14.5757, 11.0939

Details

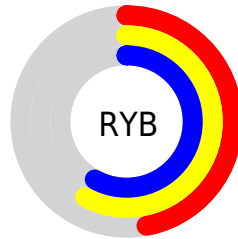
The Yxy color $26.6008, 0.3114, 0.3788$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.7769, 0.3136, 0.2835$, and the grayscale version is $24.9467, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2183, 0.3124, 0.3681$, and $10.3820, 0.3109, 0.3992$ is the 20% darker color. If you saturate the color by 10%, you get $25.3139, 0.3104, 0.4096$, and if you desaturate by 10%, it is $28.0980, 0.3122, 0.3510$.

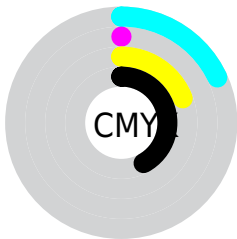
Distribution



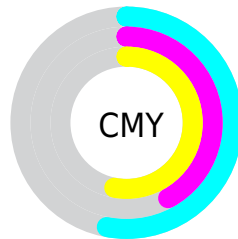
- Red (47%)
- Green (58%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (58%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)




- Cyan (53%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6008, 0.3114, 0.3788 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 26.6008, 0.3114, 0.3788 by changing the saturation by 10% instead.


 26.6008, 0.3114,
0.3788


 26.6008, 0.3114,
0.3788


285.7190, 0.3125,
0.3508


 17.2736, 0.3109,
0.3870


 54.2426, 0.3119,
0.3678

 10.4298, 0.3101,
0.3985


 73.3261, 0.3121,
0.3639

 5.6848, 0.3086,
0.4156

 96.4304, 0.3122,
0.3607

 2.6544, 0.3055,
0.4436

123.9400, 0.3123,
0.3581

 0.9541, 0.3131,
0.5588

156.2392, 0.3124,
0.3559

 0.0000, 0.0000,
0.0000

193.7126, 0.3124,

0.3540

236.7444, 0.3125,
0.3523

■ 26.6008, 0.3114,
0.3788

■ 26.6008, 0.3114,
0.3788

■ 25.3139, 0.3104,
0.4096

■ 28.0980, 0.3122,
0.3510

■ 24.2247, 0.3093,
0.4430

■ 29.8108, 0.3128,
0.3265

■ 23.3244, 0.3079,
0.4776

■ 31.7484, 0.3132,
0.3050

■ 22.6023, 0.3064,
0.5116

■ 33.9185, 0.3136,
0.2865

■ 22.0465, 0.3049,
0.5428

■ 36.3286, 0.3139,
0.2705

■ 21.6438, 0.3033,
0.5685

■ 38.9856, 0.3140,
0.2567

■ 21.3788, 0.3019,
0.5868

■ 41.8963, 0.3142,
0.2448

■ 21.2271, 0.3010,
0.5981

■ 45.0672, 0.3143,
0.2345

■ 21.2135, 0.3010,
0.5992

■ 48.5046, 0.3143,
0.2256

Harmonies

Analogous

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



26.6008, 0.3432, 0.3868



26.6008, 0.3114, 0.3788



26.6008, 0.2810, 0.3550

Triad

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



26.6008, 0.3114, 0.3788



26.6008, 0.2597, 0.2798



26.6008, 0.3684, 0.3300

Complementary

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



26.6008, 0.3114, 0.3788



21.7769, 0.3136, 0.2835

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.



26.6008, 0.3438, 0.3045



26.6008, 0.3114, 0.3788



26.6008, 0.2808, 0.2762

Square

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



26.6008, 0.3114, 0.3788



26.6008, 0.2522, 0.2965



26.6008, 0.3114, 0.2853



26.6008, 0.3772, 0.3565

Rectangle

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



26.6008, 0.3114, 0.3788



26.6008, 0.2655, 0.3344



26.6008, 0.3114, 0.2853



26.6008, 0.3617, 0.3211

Sweetspot

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



26.6019, 0.3114, 0.3788



50.3826, 0.3124, 0.3439



28.3950, 0.3406, 0.3724



11.4629, 0.3123, 0.3453



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.



26.6019, 0.3114, 0.3788



45.8602, 0.3110, 0.3925



26.8559, 0.2988, 0.3560



6.4778, 0.3121, 0.3518



18.1229, 0.3011, 0.5991



0.2238, 0.3065, 0.5949

Inverse Universe

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



21.7769, 0.3136, 0.2835



35.6266, 0.3138, 0.2723



21.4928, 0.3295, 0.3035



5.8987, 0.3132, 0.3071



6.7931, 0.3122, 0.1493



0.0858, 0.3169, 0.1519

Previews

White Background



This preview shows how the Yxy color 26.6008, 0.3114, 0.3788 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 26.6008, 0.3114, 0.3788 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 26.6008, 0.3114, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 26.6008, 0.3114, 0.3788.



This preview shows how white text looks on a background with the Yxy color 26.6008, 0.3114, 0.3788.

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

26.6008, 0.3114, 0.3788

Protanopia

26.4067, 0.3479, 0.3686

Deuteranopia

26.3351, 0.3560, 0.3480



Tritanopia

26.5235, 0.2853, 0.3089

Trichromacy



Original Color

26.6008, 0.3114, 0.3788

Protanomaly

26.4182, 0.3346, 0.3732

Deuteranomaly

26.2723, 0.3381, 0.3589

Tritanomaly

26.5638, 0.2951, 0.3341

Monochromacy



Original Color

26.6008, 0.3114, 0.3788

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5137, 0.3119, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6008, 0.3114, 0.3788 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(121, 148, 120)` looks like.

```
.text, #text, p{  
    color:rgb(121, 148, 120)  
}
```

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(121, 148, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 148, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.6008, 0.3114, 0.3788 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(121, 148, 120) }
```

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

```
.border{ border-color:rgb(121, 148, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 148, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 148, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 148, 120);  
box-shadow:4px 4px 4px 4px rgb(121, 148,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6008, 0.3114, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 148, 120) }
```

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

```
.background{ background-color: rgb(121,  
148, 120) }
```

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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