

Converting Colors

$Y_{xy}(26.3553, 0.3320, 0.4202)$

Have a look what the booklet for
Yxy(26.3553, 0.3320, 0.4202)
contains.

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Color

Yxy(26.4417, 0.3316, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	799562
RGB	121, 149, 98
RGB Percent	47%, 58%, 38%
CMY	0.5255, 0.4157, 0.6157
CMYK	0.19, 0.00, 0.34, 0.42
HSL	93°, 21%, 48%
HSV	93°, 34%, 58%
XYZ	20.8367, 26.4417, 15.5584
YIQ	134.8140, -0.3170, -21.7970

Conversions

Conversions Part 2

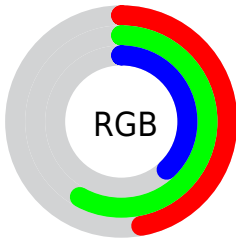
Format	Color
R_{YB}	98, 149, 126
Decimal	7968098
CIE _{Lab}	58.45, -19.44, 23.81
CIE _{LCh}	58, 30.735, 129.227
Yxy	26.4417, 0.3316, 0.4208
Android (android.graphics.Color)	4286158178 (0xFF799562)
YUV	134.8140, -18.1493, -12.1149
Hunter-Lab	51.4215, -17.6571, 18.0559

Details

The Yxy color **26.4417, 0.3316, 0.4208** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.3393, 0.2867, 0.2391**, and the grayscale version is **24.2247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8805, 0.3286, 0.4002**, and **10.3140, 0.3347, 0.4563** is the 20% darker color. If you saturate the color by 10%, you get **25.6209, 0.3359, 0.4506**, and if you desaturate by 10%, it is **27.3673, 0.3265, 0.3918**.

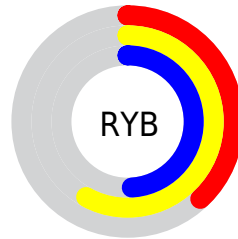
Distribution



Red (47%)

Green (58%)

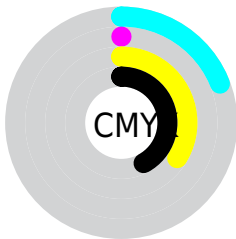
Blue (38%)



Red (38%)

Yellow (58%)

Blue (49%)

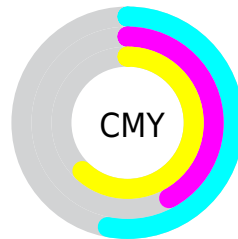


Cyan (19%)

Magenta (0%)

Yellow (34%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4417, 0.3316, 0.4208 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 26.4417, 0.3316, 0.4208 by changing the saturation by 10% instead.


 26.4417, 0.3316,
0.4208


 26.4417, 0.3316,
0.4208


284.9437, 0.3225,
0.3688


 17.1544, 0.3335,
0.4361


 53.9867, 0.3285,
0.4003


 10.3446, 0.3355,
0.4574


 73.0131, 0.3273,
0.3931

 5.6280, 0.3370,
0.4887

 96.0547, 0.3262,
0.3872

 2.6203, 0.3396,
0.5442

 123.4958, 0.3253,
0.3823

 0.9369, 0.3070,
0.6930

155.7209, 0.3244,
0.3781

 0.0000, 0.0000,
0.0000

193.1143, 0.3237,

0.3746

236.0604, 0.3231,
0.3715

■ 26.4417, 0.3316,
0.4208

■ 26.4417, 0.3316,
0.4208

■ 25.6209, 0.3359,
0.4506

■ 27.3673, 0.3265,
0.3918

■ 24.8974, 0.3390,
0.4801

■ 28.3981, 0.3209,
0.3645

■ 24.2677, 0.3406,
0.5080

■ 29.5391, 0.3152,
0.3391

■ 23.7271, 0.3403,
0.5328

■ 30.7935, 0.3094,
0.3159

■ 23.2699, 0.3381,
0.5531


■ 32.1648, 0.3038,
0.2950

 22.8897, 0.3340,
0.5679

 33.6561, 0.2984,
0.2763

 22.6967, 0.3313,
0.5751

 35.2704, 0.2933,
0.2595

 37.0107, 0.2886,
0.2446

 38.8797, 0.2841,
0.2314

Harmonies

Analogous

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



26.4417, 0.3793, 0.4180



26.4417, 0.3316, 0.4208



26.4417, 0.2811, 0.3919

Triad

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



26.4417, 0.3316, 0.4208



26.4417, 0.2224, 0.2595



26.4417, 0.3877, 0.3111

Complementary

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



26.4417, 0.3316, 0.4208



15.3393, 0.2867, 0.2391

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.



26.4417, 0.3396, 0.2763



26.4417, 0.3316, 0.4208



26.4417, 0.2455, 0.2468

Square

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



26.4417, 0.3316, 0.4208



26.4417, 0.2208, 0.2927



26.4417, 0.2872, 0.2533



26.4417, 0.4143, 0.3517

Rectangle

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



26.4417, 0.3316, 0.4208



26.4417, 0.2527, 0.3596



26.4417, 0.2872, 0.2533



26.4417, 0.3733, 0.2985

Sweetspot

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



26.4428, 0.3316, 0.4208



51.6540, 0.3186, 0.3540



21.9892, 0.3748, 0.3753



11.3908, 0.3193, 0.3572



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.



26.4428, 0.3316, 0.4208



46.2182, 0.3350, 0.4434



25.0067, 0.3066, 0.4244



6.5888, 0.3180, 0.3514



19.1185, 0.3318, 0.5747



0.2511, 0.3667, 0.5471

Inverse Universe

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



15.3393, 0.2867, 0.2391



23.2635, 0.2792, 0.2175



17.2399, 0.3187, 0.2492



5.7804, 0.3070, 0.3067



3.3463, 0.2144, 0.0955



0.0585, 0.2614, 0.1213

Previews

White Background



This preview shows how the Yxy color 26.4417, 0.3316, 0.4208 looks on a white background.

Color Contrast Check

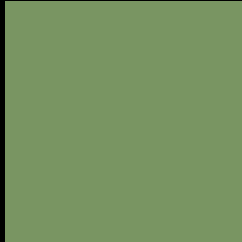
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4417, 0.3316, 0.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

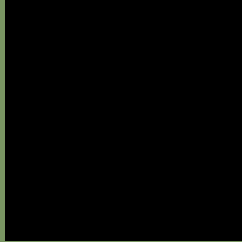
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4417, 0.3316, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 26.4417, 0.3316, 0.4208.



This preview shows how white text looks on a background with the Yxy color 26.4417, 0.3316, 0.4208.

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

26.4417, 0.3316, 0.4208

Protanopia

26.2397, 0.3748, 0.4039

Deuteranopia

26.0968, 0.3875, 0.3802



Tritanopia

26.3130, 0.2889, 0.3106

Trichromacy



Original Color

26.4417, 0.3316, 0.4208

Protanomaly

26.1339, 0.3592, 0.4104

Deuteranomaly

25.8694, 0.3666, 0.3934

Tritanomaly

26.3799, 0.3045, 0.3498

Monochromacy



Original Color

26.4417, 0.3316, 0.4208

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.9071, 0.3200, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4417, 0.3316, 0.4208 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, 149, 98)` looks like.

```
.text, #text, p{  
    color:rgb(121, 149, 98)  
}
```

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, 149, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 149, 98) }
```

Border

The CSS property to change the border of an element to Yxy 26.4417, 0.3316, 0.4208 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, 149, 98) }
```

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

```
.border{ border-color:rgb(121, 149, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 149, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 149, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 149, 98);  
box-shadow:4px 4px 4px 4px rgb(121, 149,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4417, 0.3316, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 149, 98) }
```

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

```
.background{ background-color: rgb(121,  
149, 98) }
```

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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