

Converting Colors

$Y_{xy}(26.5450, 0.3601, 0.4164)$

Have a look what the booklet for
Yxy(26.5450, 0.3601, 0.4164)
contains.

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Color

Yxy(26.7038, 0.3602, 0.4167)

Conversions

Conversions Part 1

Format	Color
Hex	8D915D
RGB	141, 145, 93
RGB Percent	55%, 57%, 36%
CMY	0.4472, 0.4313, 0.6352
CMYK	0.03, 0.00, 0.36, 0.43
HSL	65°, 22%, 47%
HSV	65°, 36%, 57%
XYZ	23.0831, 26.7038, 14.2971
YIQ	137.8760, 14.3080, -17.0200

Conversions

Conversions Part 2

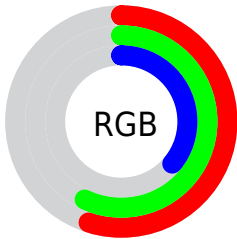
Format	Color
R_{YB}	93, 145, 97
Decimal	9277789
CIE _{Lab}	58.70, -10.03, 27.14
CIE _{LCh}	59, 28.930, 110.278
Yxy	26.7038, 0.3602, 0.4167
Android (android.graphics.Color)	4287467869 (0xFF8D915D)
YUV	137.8760, -22.1239, 2.7397
Hunter-Lab	51.6757, -10.6983, 19.7692

Details

The Yxy color **26.7038, 0.3602, 0.4167** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.4205, 0.2546, 0.2265**, and the grayscale version is **25.4474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4626, 0.3506, 0.3981**, and **10.5553, 0.3743, 0.4489** is the 20% darker color. If you saturate the color by 10%, you get **26.3737, 0.3724, 0.4403**, and if you desaturate by 10%, it is **27.0860, 0.3471, 0.3921**.

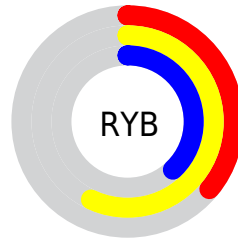
Distribution



Red (55%)

Green (57%)

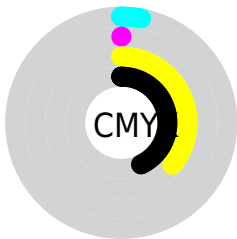
Blue (36%)



Red (36%)

Yellow (57%)

Blue (38%)

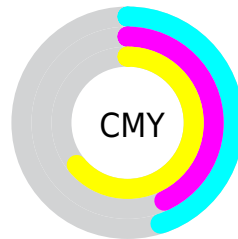


Cyan (3%)

Magenta (0%)

Yellow (36%)

Black (43%)



Cyan (45%)


Magenta (43%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7038, 0.3602, 0.4167 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 26.7038, 0.3602, 0.4167 by changing the saturation by 10% instead.


 26.7038, 0.3602,
0.4167


 26.7038, 0.3602,
0.4167


286.2201, 0.3353,
0.3681

 17.3509, 0.3665,
0.4304


 54.4082, 0.3510,
0.3979

 10.4850, 0.3745,
0.4489


 73.5285, 0.3476,
0.3912

 5.7217, 0.3845,
0.4749

 96.6733, 0.3447,
0.3856

 2.6766, 0.4051,
0.5249

 124.2272, 0.3422,
0.3810

 0.9653, 0.4099,
0.5901

156.5744, 0.3401,
0.3771

 0.0000, 0.0000,
0.0000

194.0993, 0.3383,

0.3737

237.1864, 0.3367,
0.3707

■ 26.7038, 0.3602,
0.4167

■ 26.7038, 0.3602,
0.4167

■ 26.3737, 0.3724,
0.4403

■ 27.0860, 0.3471,
0.3921

■ 26.0895, 0.3833,
0.4618

■ 27.5193, 0.3337,
0.3672

■ 25.8491, 0.3924,
0.4805


■ 28.0072, 0.3204,
0.3428

■ 25.6493, 0.3991,
0.4955

■ 28.5520, 0.3074,
0.3195

■ 25.4861, 0.4035,
0.5064

■ 29.1558, 0.2951,
0.2974


 25.3537, 0.4055,
0.5133

 29.8205, 0.2835,
0.2769

 25.3022, 0.4061,
0.5158

 30.5482, 0.2728,
0.2580

 31.3404, 0.2629,
0.2408

 32.1991, 0.2539,
0.2252

Harmonies

Analogous

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



26.7038, 0.3964, 0.3987



26.7038, 0.3602, 0.4167



26.7038, 0.3129, 0.4080

Triad

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



26.7038, 0.3602, 0.4167



26.7038, 0.2241, 0.2815



26.7038, 0.3560, 0.2904

Complementary

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



26.7038, 0.3602, 0.4167



12.4205, 0.2546, 0.2265

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.



26.7038, 0.3065, 0.2639



26.7038, 0.3602, 0.4167



26.7038, 0.2333, 0.2569

Square

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



26.7038, 0.3602, 0.4167



26.7038, 0.2359, 0.3233



26.7038, 0.2622, 0.2516



26.7038, 0.3953, 0.3262

Rectangle

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



26.7038, 0.3602, 0.4167



26.7038, 0.2817, 0.3863



26.7038, 0.2622, 0.2516



26.7038, 0.3398, 0.2802

Sweetspot

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



26.7050, 0.3602, 0.4167



49.6673, 0.3275, 0.3558



15.2654, 0.3929, 0.3354



11.0263, 0.3291, 0.3587



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.



26.7050, 0.3602, 0.4167



47.3338, 0.3701, 0.4358



24.7265, 0.3313, 0.4257



6.2644, 0.3248, 0.3508



21.7044, 0.4061, 0.5157



0.2116, 0.4131, 0.5102

Inverse Universe

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



12.4205, 0.2546, 0.2265



17.8612, 0.2389, 0.1995



14.0489, 0.2864, 0.2350



5.2738, 0.3001, 0.3064



1.8212, 0.1534, 0.0619



0.0206, 0.1696, 0.0708

Previews

White Background



This preview shows how the Yxy color 26.7038, 0.3602, 0.4167 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 26.7038, 0.3602, 0.4167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

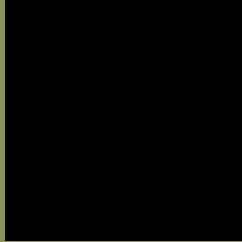
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7038, 0.3602, 0.4167

Background



This preview shows how black text looks on a background with the Yxy color 26.7038, 0.3602, 0.4167.



This preview shows how white text looks on a background with the Yxy color 26.7038, 0.3602, 0.4167.

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

26.7038, 0.3602, 0.4167

Protanopia

26.5774, 0.3785, 0.4098

Deuteranopia

26.5892, 0.3972, 0.3898



Tritanopia

26.6428, 0.3125, 0.3115

Trichromacy



Original Color

26.7038, 0.3602, 0.4167

Protanomaly

26.5083, 0.3722, 0.4111

Deuteranomaly

26.6443, 0.3838, 0.4002

Tritanomaly

26.6545, 0.3293, 0.3489

Monochromacy



Original Color

26.7038, 0.3602, 0.4167

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9439, 0.3299, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7038, 0.3602, 0.4167 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(141, 145, 93)` looks like.

```
.text, #text, p{  
    color:rgb(141, 145, 93)  
}
```

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(141, 145, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 145, 93) }
```

Border

The CSS property to change the border of an element to Yxy 26.7038, 0.3602, 0.4167 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(141, 145, 93) }
```

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

```
.border{ border-color:rgb(141, 145, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 145, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 145, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 145, 93);  
box-shadow:4px 4px 4px 4px rgb(141, 145,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7038, 0.3602, 0.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 145, 93) }
```

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

```
.background{ background-color: rgb(141,  
145, 93) }
```

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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