

Converting Colors

$Y_{xy}(26.1354, 0.3300, 0.3578)$

Have a look what the booklet for
Yxy(26.1354, 0.3300, 0.3578)
contains.

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Color

Yxy(26.1677, 0.3301, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	8D8D7C
RGB	141, 141, 124
RGB Percent	55%, 55%, 49%
CMY	0.4470, 0.4471, 0.5138
CMYK	0.00, 0.00, 0.12, 0.45
HSL	60°, 7%, 52%
HSV	60°, 12%, 55%
XYZ	24.1486, 26.1677, 22.8391
YIQ	139.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

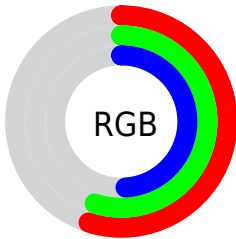
Format	Color
RYB	124, 141, 124
Decimal	9276796
CIELab	58.20, -3.13, 9.09
CIELCh	58, 9.615, 108.995
Yxy	26.1677, 0.3301, 0.3577
Android (android.graphics.Color)	4287466876 (0xFF8D8D7C)
YUV	139.0620, -7.4256, 1.6996
Hunter-Lab	51.1544, -5.2551, 9.3366

Details

The Yxy color **26.1677, 0.3301, 0.3577** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.6215, 0.2943, 0.2986**, and the grayscale version is **25.8723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8066, 0.3263, 0.3514**, and **10.2143, 0.3369, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **25.8326, 0.3448, 0.3820**, and if you desaturate by 10%, it is **26.5561, 0.3157, 0.3339**.

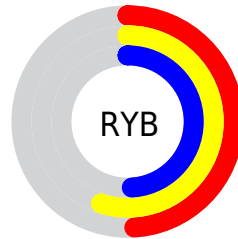
Distribution



Red (55%)

Green (55%)

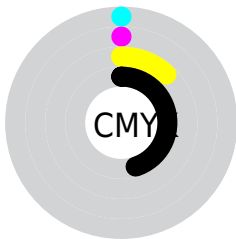
Blue (49%)



Red (49%)

Yellow (55%)

Blue (49%)

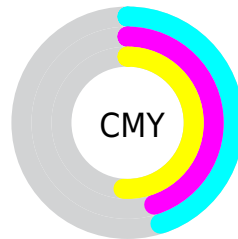


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (45%)



Cyan (45%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1677, 0.3301, 0.3577 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 26.1677, 0.3301, 0.3577 by changing the saturation by 10% instead.


 26.1677, 0.3301,
0.3577


 26.1677, 0.3301,
0.3577


283.6043, 0.3206,
0.3419


 16.9491, 0.3328,
0.3622


 53.5454, 0.3265,
0.3515

 10.1982, 0.3364,
0.3685

 72.4733, 0.3252,
0.3493

 5.5306, 0.3415,
0.3776

 95.4064, 0.3241,
0.3475

 2.5618, 0.3495,
0.3922

122.7291, 0.3232,
0.3460

 0.9075, 0.3842,
0.4436

154.8259, 0.3224,
0.3448

 0.0000, 0.0000,
0.0000

192.0811, 0.3217,

0.3437

234.8791, 0.3211,
0.3427

■ 26.1677, 0.3301,
0.3577

■ 26.1677, 0.3301,
0.3577

■ 25.8326, 0.3448,
0.3820

■ 26.5561, 0.3157,
0.3339

■ 25.5453, 0.3594,
0.4061

■ 26.9964, 0.3018,
0.3110

■ 25.3045, 0.3734,
0.4292

■ 27.4916, 0.2887,
0.2894

■ 25.1078, 0.3862,
0.4503

■ 28.0437, 0.2766,
0.2693

■ 24.9525, 0.3974,
0.4687

■ 28.6542, 0.2654,
0.2508

■ 24.8354, 0.4064,
0.4836

■ 29.3250, 0.2552,
0.2340

■ 24.7532, 0.4131,
0.4946

■ 30.0576, 0.2459,
0.2186

■ 24.7018, 0.4173,
0.5014

■ 30.8535, 0.2375,
0.2048

■ 24.6736, 0.4195,
0.5051

■ 31.7142, 0.2300,
0.1923

Harmonies

Analogous

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



26.1677, 0.3414, 0.3531



26.1677, 0.3301, 0.3577



26.1677, 0.3143, 0.3543

Triad

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



26.1677, 0.3301, 0.3577



26.1677, 0.2815, 0.3145



26.1677, 0.3268, 0.3151

Complementary

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



26.1677, 0.3301, 0.3577



20.6215, 0.2943, 0.2986

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.



26.1677, 0.3105, 0.3054



26.1677, 0.3301, 0.3577



26.1677, 0.2846, 0.3047

Square

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



26.1677, 0.3301, 0.3577



26.1677, 0.2865, 0.3287



26.1677, 0.2951, 0.3015



26.1677, 0.3396, 0.3284

Rectangle

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



26.1677, 0.3301, 0.3577



26.1677, 0.3034, 0.3477



26.1677, 0.2951, 0.3015



26.1677, 0.3215, 0.3113

Sweetspot

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



26.1688, 0.3301, 0.3577



47.3974, 0.3185, 0.3386



21.5360, 0.3333, 0.3286



10.5754, 0.3195, 0.3402



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



26.1688, 0.3301, 0.3577



46.6457, 0.3349, 0.3655



25.4789, 0.3209, 0.3586



6.2844, 0.3259, 0.3507



22.4913, 0.4195, 0.5051



0.2152, 0.4194, 0.5052

Inverse Universe

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



20.6215, 0.2943, 0.2986



34.3252, 0.2889, 0.2896



21.2562, 0.3037, 0.2994



5.2559, 0.2990, 0.3063



1.7568, 0.1500, 0.0601



0.0169, 0.1502, 0.0606

Previews

White Background



This preview shows how the Yxy color 26.1677, 0.3301, 0.3577 looks on a white background.

Color Contrast Check

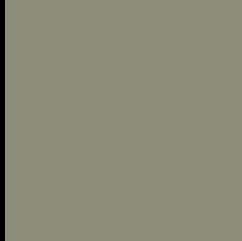
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1677, 0.3301, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

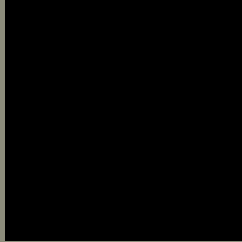
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1677, 0.3301, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 26.1677, 0.3301, 0.3577.

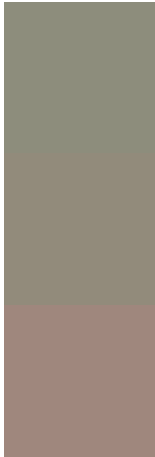


This preview shows how white text looks on a background with the Yxy color 26.1677, 0.3301, 0.3577.

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

26.1677, 0.3301, 0.3577

Protanopia

26.0063, 0.3372, 0.3556

Deuteranopia

26.1795, 0.3513, 0.3450



Tritanopia

25.9587, 0.3092, 0.3112

Trichromacy



Original Color

26.1677, 0.3301, 0.3577

Protanomaly

26.1155, 0.3347, 0.3574

Deuteranomaly

26.0474, 0.3425, 0.3486

Tritanomaly

25.8807, 0.3172, 0.3274

Monochromacy



Original Color

26.1677, 0.3301, 0.3577

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0528, 0.3188, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1677, 0.3301, 0.3577 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, 141, 124)` looks like.

```
.text, #text, p{  
    color:rgb(141, 141, 124)  
}
```

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, 141, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 141, 124) }
```

Border

The CSS property to change the border of an element to Yxy 26.1677, 0.3301, 0.3577 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, 141, 124) }
```

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

```
.border{ border-color:rgb(141, 141, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 141, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 141, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 141, 124);  
box-shadow:4px 4px 4px 4px rgb(141, 141,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1677, 0.3301, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 141, 124) }
```

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

```
.background{ background-color: rgb(141,  
141, 124) }
```

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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