

Converting Colors

$Y_{xy}(26.5661, 0.3570, 0.3575)$

Have a look what the booklet for
Yxy(26.5661, 0.3570, 0.3575)
contains.

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Color

Yxy(26.5942, 0.3574, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	9F8977
RGB	159, 137, 119
RGB Percent	62%, 54%, 47%
CMY	0.3765, 0.4627, 0.5334
CMYK	0.00, 0.14, 0.25, 0.38
HSL	27°, 17%, 55%
HSV	27°, 25%, 62%
XYZ	26.5719, 26.5942, 21.1817
YIQ	141.5260, 18.8900, -0.9340

Conversions

Conversions Part 2

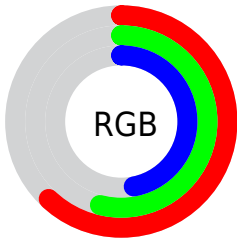
Format	Color
RYB	159, 152, 119
Decimal	10455415
CIELab	58.60, 5.40, 12.73
CIElCh	59, 13.827, 67.015
Yxy	26.5942, 0.3574, 0.3577
Android (android.graphics.Color)	4288645495 (0xFF9F8977)
YUV	141.5260, -11.1053, 15.3247
Hunter-Lab	51.5696, 1.7277, 11.7459

Details

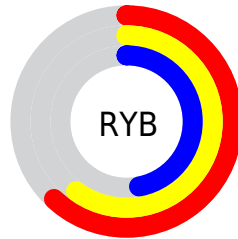
The Yxy color $26.5942, 0.3574, 0.3577$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.4663, 0.2740, 0.2984$, and the grayscale version is $26.8925, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0633, 0.3480, 0.3517$, and $10.3971, 0.3734, 0.3659$ is the 20% darker color. If you saturate the color by 10%, you get $23.8601, 0.3797, 0.3697$, and if you desaturate by 10%, it is $29.5958, 0.3378, 0.3459$.

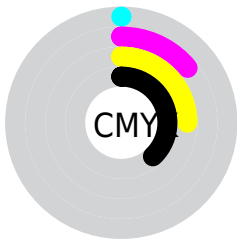
Distribution



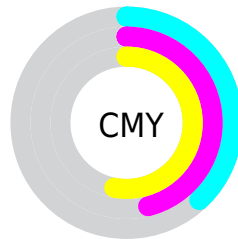
- Red (62%)
- Green (54%)
- Blue (47%)



- Red (62%)
- Yellow (60%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (38%)





- Cyan (38%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5942, 0.3574, 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 26.5942, 0.3574, 0.3577 by changing the saturation by 10% instead.


 26.5942, 0.3574,
0.3577


 26.5942, 0.3574,
0.3577


285.6869, 0.3329,
0.3423


 17.2687, 0.3644,
0.3619


 54.2320, 0.3479,
0.3519

 10.4262, 0.3738,
0.3674


 73.3131, 0.3445,
0.3498

 5.6825, 0.3875,
0.3752

 96.4148, 0.3417,
0.3480

 2.6530, 0.4087,
0.3865

123.9216, 0.3394,
0.3465

 0.9534, 0.4889,
0.4431

156.2178, 0.3374,
0.3452

 0.0000, 0.0000,
0.0000

193.6878, 0.3357,

0.3441

236.7160, 0.3342,
0.3432

■ 26.5942, 0.3574,
0.3577

■ 26.5942, 0.3574,
0.3577

■ 23.8601, 0.3797,
0.3697

■ 29.5958, 0.3378,
0.3459

■ 21.3821, 0.4047,
0.3814

■ 32.8689, 0.3206,
0.3346

■ 19.1529, 0.4320,
0.3921

■ 36.4218, 0.3058,
0.3240

■ 17.1636, 0.4610,
0.4005

■ 40.2615, 0.2929,
0.3141

■ 15.4047, 0.4902,
0.4057

■ 44.3947, 0.2818,
0.3051

■ 13.8656, 0.5179,
0.4063

■ 48.8277, 0.2721,
0.2967

■ 12.5343, 0.5421,
0.4018

■ 53.5668, 0.2637,
0.2891

■ 11.9552, 0.5534,
0.3988

■ 58.6179, 0.2564,
0.2822

■ 63.5223, 0.2534,
0.2833

Harmonies

Analogous

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



26.5942, 0.3574, 0.3398



26.5942, 0.3574, 0.3577



26.5942, 0.3450, 0.3688

Triad

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



26.5942, 0.3574, 0.3577



26.5942, 0.2811, 0.3371



26.5942, 0.3000, 0.2924

Complementary

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



26.5942, 0.3574, 0.3577



25.4663, 0.2740, 0.2984

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.



26.5942, 0.2806, 0.2906



26.5942, 0.3574, 0.3577



26.5942, 0.2700, 0.3154

Square

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



26.5942, 0.3574, 0.3577



26.5942, 0.3008, 0.3572



26.5942, 0.2698, 0.2986



26.5942, 0.3236, 0.3031

Rectangle

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



26.5942, 0.3574, 0.3577



26.5942, 0.3317, 0.3703



26.5942, 0.2698, 0.2986



26.5942, 0.2928, 0.2907

Sweetspot

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



26.5954, 0.3574, 0.3577



57.0652, 0.3255, 0.3379



22.4841, 0.3365, 0.2944



12.6726, 0.3279, 0.3395



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.5954, 0.3574, 0.3577



44.9262, 0.3691, 0.3642



32.8134, 0.3504, 0.3873



7.1135, 0.3273, 0.3391



9.5248, 0.5519, 0.3999



0.2537, 0.4899, 0.4492

Inverse Universe

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



25.4663, 0.2740, 0.2984



42.5610, 0.2656, 0.2909



20.0963, 0.2710, 0.2631



7.0091, 0.2988, 0.3187



7.4943, 0.1827, 0.1778



0.2179, 0.2011, 0.2439

Previews

White Background



This preview shows how the Yxy color 26.5942, 0.3574, 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 26.5942, 0.3574, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

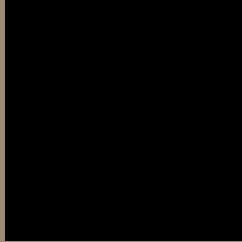
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5942, 0.3574, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 26.5942, 0.3574, 0.3577.



This preview shows how white text looks on a background with the Yxy color 26.5942, 0.3574, 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

26.5942, 0.3574, 0.3577

Protanopia

26.7261, 0.3411, 0.3620

Deuteranopia

26.6216, 0.3613, 0.3558



Tritanopia

26.4701, 0.3340, 0.3122

Trichromacy



Original Color

26.5942, 0.3574, 0.3577

Protanomaly

26.7876, 0.3471, 0.3616

Deuteranomaly

26.5173, 0.3601, 0.3559

Tritanomaly

26.3765, 0.3427, 0.3275

Monochromacy



Original Color

26.5942, 0.3574, 0.3577

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.7733, 0.3277, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5942, 0.3574, 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(159, 137, 119)` looks like.

```
.text, #text, p{  
    color:rgb(159, 137, 119)  
}
```

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(159, 137, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 137, 119) }
```

Border

The CSS property to change the border of an element to Yxy 26.5942, 0.3574, 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(159, 137, 119) }
```

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

```
.border{ border-color:rgb(159, 137, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 137, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 137, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 137, 119);  
box-shadow:4px 4px 4px 4px rgb(159, 137,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5942, 0.3574, 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(159, 137, 119) }
```

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

```
.background{ background-color: rgb(159,  
137, 119) }
```

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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