

Converting Colors

$Y_{xy}(26.8021, 0.3604, 0.3415)$

Have a look what the booklet for
Yxy(26.8021, 0.3604, 0.3415)
contains.

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Color

Yxy(26.7720, 0.3600, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	A7867E
RGB	167, 134, 126
RGB Percent	65%, 53%, 49%
CMY	0.3450, 0.4745, 0.5059
CMYK	0.00, 0.20, 0.25, 0.35
HSL	12°, 19%, 57%
HSV	12°, 25%, 65%
XYZ	28.2306, 26.7720, 23.4157
YIQ	142.9550, 22.2360, 4.5080

Conversions

Conversions Part 2

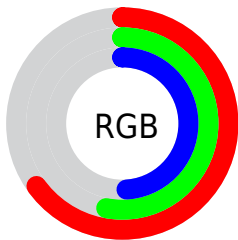
Format	Color
R_{YB}	167, 136, 126
Decimal	10978942
CIE _{Lab}	58.76, 11.35, 9.08
CIE _{LCh}	59, 14.533, 38.649
Yxy	26.7720, 0.3600, 0.3414
Android (android.graphics.Color)	4289169022 (0xFFA7867E)
YUV	142.9550, -8.3588, 21.0875
Hunter-Lab	51.7417, 6.8428, 9.3875

Details

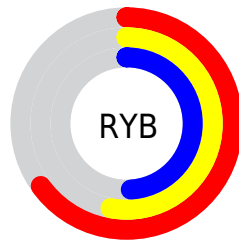
The Yxy color $26.7720, 0.3600, 0.3414$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $32.0297, 0.2763, 0.3162$, and the grayscale version is $27.4777, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4833, 0.3499, 0.3384$, and $10.4539, 0.3774, 0.3446$ is the 20% darker color. If you saturate the color by 10%, you get $22.8943, 0.3863, 0.3468$, and if you desaturate by 10%, it is $31.1967, 0.3381, 0.3361$.

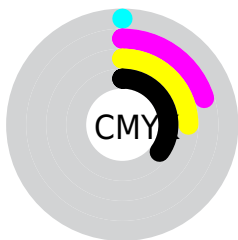
Distribution



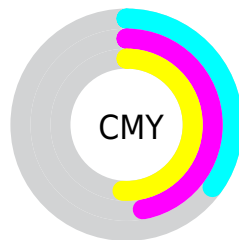
- Red (65%)
- Green (53%)
- Blue (49%)



- Red (65%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (35%)




- Cyan (35%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7720, 0.3600, 0.3414 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 26.7720, 0.3600, 0.3414 by changing the saturation by 10% instead.


 26.7720, 0.3600,
0.3414

 26.7720, 0.3600,
0.3414


286.5515, 0.3340,
0.3351


 17.4021, 0.3674,
0.3430


 54.5178, 0.3499,
0.3391

 10.5216, 0.3776,
0.3450


 73.6624, 0.3463,
0.3382

 5.7461, 0.3923,
0.3477

 96.8341, 0.3434,
0.3375

 2.6913, 0.4154,
0.3511

124.4171, 0.3409,
0.3369

 0.9728, 0.4731,
0.3676

156.7960, 0.3388,
0.3363

 0.0000, 1.0000,
0.0000

194.3551, 0.3369,

 0.0000, 0.0000,

0.3358

0.0000

237.4788, 0.3354,
0.3354

■ 26.7720, 0.3600,
0.3414

■ 26.7720, 0.3600,
0.3414

■ 22.8943, 0.3863,
0.3468

■ 31.1967, 0.3381,
0.3361

■ 19.5386, 0.4173,
0.3519

■ 36.1848, 0.3199,
0.3312

■ 16.6835, 0.4531,
0.3564

■ 41.7565, 0.3049,
0.3265

■ 14.3048, 0.4928,
0.3593

■ 47.9300, 0.2924,
0.3223

■ 12.3759, 0.5339,
0.3598

■ 54.7225, 0.2820,
0.3185

■ 10.8677, 0.5723,
0.3572

■ 62.1508, 0.2732,
0.3150

■ 9.7476, 0.6034,
0.3512

■ 70.2309, 0.2659,
0.3118

■ 9.2823, 0.6175,
0.3479

■ 78.6775, 0.2618,
0.3139

■ 86.9578, 0.2638,
0.3289

Harmonies

Analogous

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



26.7720, 0.3475, 0.3207



26.7720, 0.3600, 0.3414



26.7720, 0.3592, 0.3599

Triad

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



26.7720, 0.3600, 0.3414



26.7720, 0.2989, 0.3577



26.7720, 0.2799, 0.2886

Complementary

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



26.7720, 0.3600, 0.3414



32.0297, 0.2763, 0.3162

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.



26.7720, 0.2681, 0.2964



26.7720, 0.3600, 0.3414



26.7720, 0.2787, 0.3362

Square

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



26.7720, 0.3600, 0.3414



26.7720, 0.3233, 0.3706



26.7720, 0.2677, 0.3136



26.7720, 0.3007, 0.2911

Rectangle

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



26.7720, 0.3600, 0.3414



26.7720, 0.3513, 0.3684



26.7720, 0.2677, 0.3136



26.7720, 0.2748, 0.2901

Sweetspot

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



26.7732, 0.3600, 0.3414



62.3990, 0.3243, 0.3324



25.6587, 0.3236, 0.2796



13.8487, 0.3252, 0.3327



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.7732, 0.3600, 0.3414



44.3706, 0.3724, 0.3441



32.8456, 0.3531, 0.3710



7.7704, 0.3281, 0.3335



7.1577, 0.6160, 0.3491



0.2393, 0.5595, 0.3940

Inverse Universe

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



32.0297, 0.2763, 0.3162



55.2757, 0.2693, 0.3133



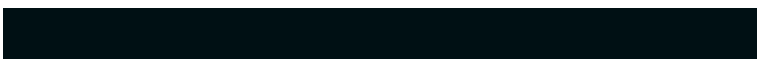
25.6873, 0.2735, 0.2832



8.2797, 0.2987, 0.3245



15.3417, 0.2073, 0.2664



0.4351, 0.2137, 0.2893

Previews

White Background



This preview shows how the Yxy color 26.7720, 0.3600, 0.3414 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 26.7720, 0.3600, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

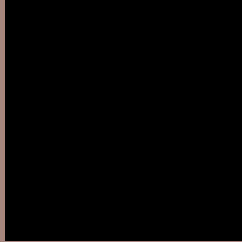
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7720, 0.3600, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 26.7720, 0.3600, 0.3414.



This preview shows how white text looks on a background with the Yxy color 26.7720, 0.3600, 0.3414.

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

26.7720, 0.3600, 0.3414

Protanopia

26.8645, 0.3305, 0.3471

Deuteranopia

26.6917, 0.3522, 0.3448



Tritanopia

26.8905, 0.3445, 0.3141

Trichromacy



Original Color

26.7720, 0.3600, 0.3414

Protanomaly

26.6320, 0.3402, 0.3435

Deuteranomaly

26.6208, 0.3549, 0.3431

Tritanomaly

26.8775, 0.3500, 0.3246

Monochromacy



Original Color

26.7720, 0.3600, 0.3414

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.2377, 0.3290, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7720, 0.3600, 0.3414 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(167, 134, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 134, 126)  
}
```

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(167, 134, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 134, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.7720, 0.3600, 0.3414 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(167, 134, 126) }
```

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

```
.border{ border-color:rgb(167, 134, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 134, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 134, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 134, 126);  
box-shadow:4px 4px 4px 4px rgb(167, 134,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7720, 0.3600, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 134, 126) }
```

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

```
.background{ background-color: rgb(167,  
134, 126) }
```

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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