

Converting Colors

$Y_{xy}(27.6512, 0.3411, 0.3359)$

Have a look what the booklet for
Yxy(27.6512, 0.3411, 0.3359)
contains.

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Color

Yxy(27.6601, 0.3414, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	A08B86
RGB	160, 139, 134
RGB Percent	63%, 55%, 53%
CMY	0.3726, 0.4549, 0.4745
CMYK	0.00, 0.13, 0.16, 0.37
HSL	12°, 12%, 58%
HSV	12°, 16%, 63%
XYZ	28.0296, 27.6601, 26.4122
YIQ	144.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

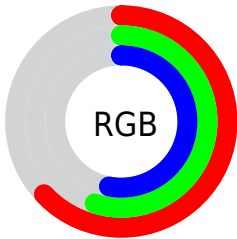
Format	Color
R _Y B	160, 140, 134
Decimal	10521478
CIE Lab	59.58, 7.03, 5.58
CIE LCh	60, 8.976, 38.428
Yxy	27.6601, 0.3414, 0.3369
Android (android.graphics.Color)	4288711558 (0xFFA08B86)
YUV	144.7090, -5.2795, 13.4102
Hunter-Lab	52.5929, 3.0947, 7.0396

Details

The Yxy color $27.6601, 0.3414, 0.3369$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.0346, 0.2884, 0.3210$, and the grayscale version is $28.2084, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7342, 0.3356, 0.3349$, and $10.9730, 0.3523, 0.3404$ is the 20% darker color. If you saturate the color by 10%, you get $23.7279, 0.3639, 0.3421$, and if you desaturate by 10%, it is $32.1037, 0.3227, 0.3319$.

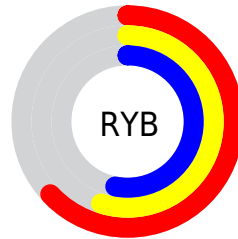
Distribution



Red (63%)

Green (55%)

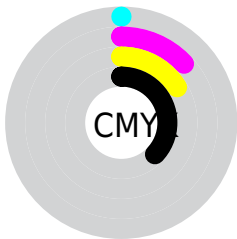
Blue (53%)



Red (63%)

Yellow (55%)

Blue (53%)

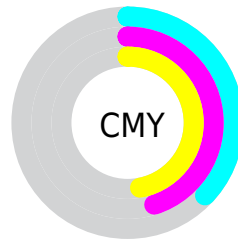


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (37%)



Cyan (37%)


Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.6601, 0.3414, 0.3369 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 27.6601, 0.3414, 0.3369 by changing the saturation by 10% instead.


 27.6601, 0.3414,
0.3369


 27.6601, 0.3414,
0.3369


290.8392, 0.3257,
0.3328


 18.0696, 0.3458,
0.3380

 55.9413, 0.3353,
0.3354

 11.0000, 0.3519,
0.3394


 75.4008, 0.3332,
0.3348

 6.0668, 0.3606,
0.3414

 98.9188, 0.3314,
0.3343

 2.8858, 0.3743,
0.3442

126.8796, 0.3299,
0.3339

 1.0724, 0.4004,
0.3500

159.6676, 0.3286,
0.3336

 0.0000, 1.0000,
0.0000

197.6673, 0.3275,

 0.0000, 0.0000,

0.3333

0.0000

241.2630, 0.3266,
0.3330

■ 27.6601, 0.3414,
0.3369

■ 27.6601, 0.3414,
0.3369

■ 23.7279, 0.3639,
0.3421

■ 32.1037, 0.3227,
0.3319

■ 20.2851, 0.3908,
0.3474

■ 37.0723, 0.3072,
0.3273

■ 17.3134, 0.4226,
0.3525

■ 42.5838, 0.2944,
0.3231

■ 14.7922, 0.4590,
0.3566

■ 48.6539, 0.2837,
0.3192

■ 12.6991, 0.4990,
0.3592

■ 55.2979, 0.2747,
0.3157

■ 11.0099, 0.5399,
0.3593

■ 62.5302, 0.2671,
0.3125

■ 9.6978, 0.5775,
0.3562

■ 70.3650, 0.2607,
0.3096

■ 8.7316, 0.6074,
0.3501

■ 78.3584, 0.2585,
0.3146

■ 8.4467, 0.6173,
0.3481

■ 86.2117, 0.2605,
0.3288

Harmonies

Analogous

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



27.6601, 0.3338, 0.3240



27.6601, 0.3414, 0.3369



27.6601, 0.3411, 0.3481

Triad

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



27.6601, 0.3414, 0.3369



27.6601, 0.3045, 0.3463



27.6601, 0.2925, 0.3040

Complementary

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



27.6601, 0.3414, 0.3369



31.0346, 0.2884, 0.3210

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.



27.6601, 0.2851, 0.3092



27.6601, 0.3414, 0.3369



27.6601, 0.2919, 0.3337

Square

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



27.6601, 0.3414, 0.3369



27.6601, 0.3195, 0.3541



27.6601, 0.2849, 0.3200



27.6601, 0.3054, 0.3054

Rectangle

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



27.6601, 0.3414, 0.3369



27.6601, 0.3364, 0.3531



27.6601, 0.2849, 0.3200



27.6601, 0.2893, 0.3051

Sweetspot

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



27.6613, 0.3414, 0.3369



59.2941, 0.3208, 0.3314



26.8932, 0.3195, 0.2968



12.8798, 0.3219, 0.3317



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.



27.6613, 0.3414, 0.3369



47.9109, 0.3480, 0.3385



31.5685, 0.3384, 0.3562



6.8433, 0.3279, 0.3334



6.6328, 0.6159, 0.3492



0.1683, 0.5540, 0.3983

Inverse Universe

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



31.0346, 0.2884, 0.3210



55.0563, 0.2839, 0.3193



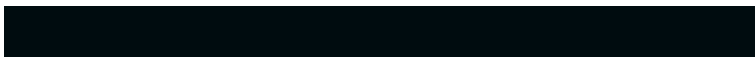
27.0169, 0.2876, 0.3002



7.2915, 0.2988, 0.3246



14.2873, 0.2076, 0.2672



0.3067, 0.2152, 0.2945

Previews

White Background



This preview shows how the Yxy color 27.6601, 0.3414, 0.3369 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 27.6601, 0.3414, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

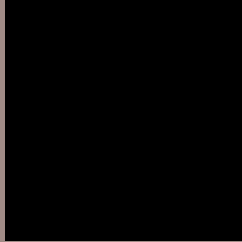
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6601, 0.3414, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 27.6601, 0.3414, 0.3369.



This preview shows how white text looks on a background with the Yxy color 27.6601, 0.3414, 0.3369.

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

27.6601, 0.3414, 0.3369

Protanopia

27.7184, 0.3251, 0.3403

Deuteranopia

27.7635, 0.3425, 0.3368



Tritanopia

27.7108, 0.3290, 0.3123

Trichromacy



Original Color

27.6601, 0.3414, 0.3369

Protanomaly

27.7707, 0.3307, 0.3402

Deuteranomaly

27.7635, 0.3425, 0.3368

Tritanomaly

27.7372, 0.3330, 0.3214

Monochromacy



Original Color

27.6601, 0.3414, 0.3369

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.0520, 0.3222, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6601, 0.3414, 0.3369 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(160, 139, 134)` looks like.

```
.text, #text, p{  
    color:rgb(160, 139, 134)  
}
```

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(160, 139, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 139, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.6601, 0.3414, 0.3369 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(160, 139, 134) }
```

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

```
.border{ border-color:rgb(160, 139, 134) }
```

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

Here you see how a box with a 4 pixel rgb(160, 139, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 139, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 139, 134);  
box-shadow:4px 4px 4px 4px rgb(160, 139,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6601, 0.3414, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 139, 134) }
```

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

```
.background{ background-color: rgb(160,  
139, 134) }
```

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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