

Converting Colors

$Y_{xy}(27.0212, 0.3453, 0.3242)$

Have a look what the booklet for
Yxy(27.0212, 0.3453, 0.3242)
contains.

Yxy(26.9633, 0.3462, 0.3245)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.9633, 0.3462, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	A68689
RGB	166, 134, 137
RGB Percent	65%, 53%, 54%
CMY	0.3490, 0.4745, 0.4627
CMYK	0.00, 0.19, 0.17, 0.35
HSL	354°, 15%, 59%
HSV	354°, 19%, 65%
XYZ	28.7664, 26.9633, 27.3621
YIQ	143.9100, 18.1090, 7.7170

Conversions

Conversions Part 2

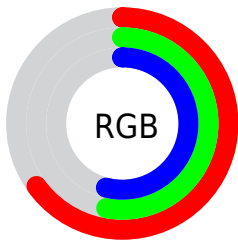
Format	Color
R _Y B	166, 134, 137
Decimal	10913417
CIE Lab	58.94, 12.68, 3.00
CIE LCh	59, 13.032, 13.299
Yxy	26.9633, 0.3462, 0.3245
Android (android.graphics.Color)	4289103497 (0xFFA68689)
YUV	143.9100, -3.4066, 19.3729
Hunter-Lab	51.9262, 8.0157, 5.1059

Details

The Yxy color $26.9633, 0.3462, 0.3245$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $34.9826, 0.2868, 0.3336$, and the grayscale version is $27.8611, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6305, 0.3390, 0.3256$, and $10.6062, 0.3598, 0.3226$ is the 20% darker color. If you saturate the color by 10%, you get $22.3283, 0.3699, 0.3220$, and if you desaturate by 10%, it is $32.3811, 0.3271, 0.3269$.

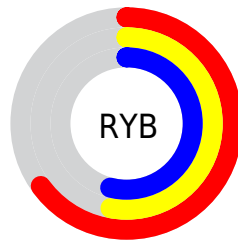
Distribution



Red (65%)

Green (53%)

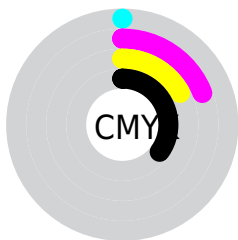
Blue (54%)



Red (65%)

Yellow (53%)

Blue (54%)

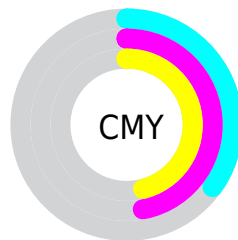


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (35%)



Cyan (35%)


Magenta (47%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9633, 0.3462, 0.3245 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 26.9633, 0.3462, 0.3245 by changing the saturation by 10% instead.


 26.9633, 0.3462,
0.3245

 26.9633, 0.3462,
0.3245


287.4794, 0.3279,
0.3271


 17.5457, 0.3514,
0.3237


 54.8250, 0.3391,
0.3256

 10.6243, 0.3585,
0.3226


 74.0378, 0.3366,
0.3259

 5.8148, 0.3688,
0.3208


 97.2845, 0.3345,
0.3262

 2.7328, 0.3851,
0.3179

124.9494, 0.3327,
0.3265

 0.9939, 0.4148,
0.3123

157.4169, 0.3312,
0.3267

 0.0000, 1.0000,
0.0000

195.0715, 0.3300,

 0.0000, 0.0000,

0.3268

0.0000

238.2975, 0.3288,
0.3270

■ 26.9633, 0.3462,
0.3245

■ 26.9633, 0.3462,
0.3245

■ 22.3283, 0.3699,
0.3220

■ 32.3811, 0.3271,
0.3269

■ 18.4365, 0.3989,
0.3196

■ 38.6117, 0.3117,
0.3292

■ 15.2503, 0.4338,
0.3174

■ 45.6880, 0.2993,
0.3312

■ 12.7273, 0.4743,
0.3160

■ 53.6400, 0.2892,
0.3331

■ 10.8208, 0.5185,
0.3156

■ 62.4962, 0.2810,
0.3348

■ 9.4776, 0.5623,
0.3169

■ 72.2838, 0.2742,
0.3364

■ 8.6359, 0.5999,
0.3199

■ 83.0289, 0.2686,
0.3378

■ 8.1723, 0.6267,
0.3234

■ 86.8464, 0.2633,
0.3289

■ 8.1427, 0.6283,
0.3235

Harmonies

Analogous

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



26.9633, 0.3276, 0.3076



26.9633, 0.3462, 0.3245



26.9633, 0.3557, 0.3431

Triad

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



26.9633, 0.3462, 0.3245



26.9633, 0.3189, 0.3650



26.9633, 0.2737, 0.2982

Complementary

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



26.9633, 0.3462, 0.3245



34.9826, 0.2868, 0.3336

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.



26.9633, 0.2716, 0.3125



26.9633, 0.3462, 0.3245



26.9633, 0.2972, 0.3519

Square

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



26.9633, 0.3462, 0.3245



26.9633, 0.3394, 0.3673



26.9633, 0.2801, 0.3323



26.9633, 0.2858, 0.2925

Rectangle

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



26.9633, 0.3462, 0.3245



26.9633, 0.3553, 0.3542



26.9633, 0.2801, 0.3323



26.9633, 0.2718, 0.3021

Sweetspot

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



26.9645, 0.3462, 0.3245



62.1844, 0.3219, 0.3276



27.5693, 0.3115, 0.2818



13.7635, 0.3229, 0.3275



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.



26.9645, 0.3462, 0.3245



45.2764, 0.3554, 0.3235



30.6331, 0.3461, 0.3484



7.5534, 0.3271, 0.3269



6.3181, 0.6269, 0.3227



0.1572, 0.5756, 0.2945

Inverse Universe

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



26.9645, 0.3462, 0.3245



45.2764, 0.3554, 0.3235



30.6691, 0.2833, 0.3088



7.5534, 0.3271, 0.3269



6.3181, 0.6269, 0.3227



0.1572, 0.5756, 0.2945

Previews

White Background



This preview shows how the Yxy color 26.9633, 0.3462, 0.3245 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 26.9633, 0.3462, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

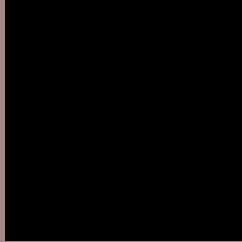
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9633, 0.3462, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 26.9633, 0.3462, 0.3245.



This preview shows how white text looks on a background with the Yxy color 26.9633, 0.3462, 0.3245.

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

26.9633, 0.3462, 0.3245

Protanopia

26.9926, 0.3170, 0.3290

Deuteranopia

26.9380, 0.3374, 0.3306



Tritanopia

26.9737, 0.3409, 0.3140

Trichromacy



Original Color

26.9633, 0.3462, 0.3245

Protanomaly

26.8427, 0.3273, 0.3259

Deuteranomaly

26.9630, 0.3411, 0.3291

Tritanomaly

26.9136, 0.3431, 0.3170

Monochromacy



Original Color

26.9633, 0.3462, 0.3245

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.3547, 0.3248, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9633, 0.3462, 0.3245 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(166, 134, 137)` looks like.

```
.text, #text, p{  
    color:rgb(166, 134, 137)  
}
```

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(166, 134, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 134, 137) }
```

Border

The CSS property to change the border of an element to Yxy 26.9633, 0.3462, 0.3245 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(166, 134, 137) }
```

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

```
.border{ border-color:rgb(166, 134, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 134, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 134, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 134, 137);  
box-shadow:4px 4px 4px 4px rgb(166, 134,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9633, 0.3462, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 134, 137) }
```

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

```
.background{ background-color: rgb(166,  
134, 137) }
```

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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