

Converting Colors

$Y_{xy}(27.4385, 0.3407, 0.3251)$

Have a look what the booklet for
Yxy(27.4385, 0.3407, 0.3251)
contains.

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Color

Yxy(27.3649, 0.3412, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	A4888B
RGB	164, 136, 139
RGB Percent	64%, 53%, 55%
CMY	0.3569, 0.4666, 0.4549
CMYK	0.00, 0.17, 0.15, 0.36
HSL	354°, 13%, 59%
HSV	354°, 17%, 64%
XYZ	28.7732, 27.3649, 28.1913
YIQ	144.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

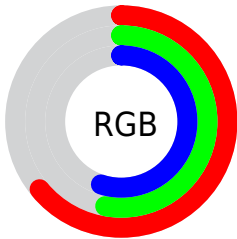
Format	Color
RYB	164, 136, 139
Decimal	10782859
CIELab	59.31, 11.11, 2.37
CIELCh	59, 11.363, 12.057
Yxy	27.3649, 0.3412, 0.3245
Android (android.graphics.Color)	4288972939 (0xFFA4888B)
YUV	144.7140, -2.8170, 16.9138
Hunter-Lab	52.3115, 6.6364, 4.6659

Details

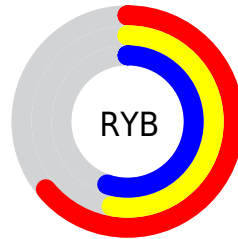
The Yxy color $27.3649, 0.3412, 0.3245$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $34.3569, 0.2899, 0.3336$, and the grayscale version is $28.2005, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.2610, 0.3354, 0.3256$, and $10.8216, 0.3521, 0.3225$ is the 20% darker color. If you saturate the color by 10%, you get $22.6948, 0.3634, 0.3217$, and if you desaturate by 10%, it is $32.8017, 0.3233, 0.3272$.

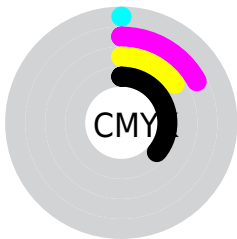
Distribution



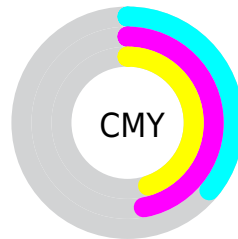
- Red (64%)
- Green (53%)
- Blue (55%)



- Red (64%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (36%)





- Cyan (36%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3649, 0.3412, 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 27.3649, 0.3412, 0.3245 by changing the saturation by 10% instead.


 27.3649, 0.3412,
0.3245


 27.3649, 0.3412,
0.3245


289.4196, 0.3256,
0.3271


 17.8475, 0.3456,
0.3237


 55.4689, 0.3352,
0.3255

 10.8405, 0.3516,
0.3227


 74.8242, 0.3330,
0.3259

 5.9597, 0.3603,
0.3211

 98.2276, 0.3313,
0.3262

 2.8206, 0.3739,
0.3184

126.0634, 0.3298,
0.3264

 1.0388, 0.3983,
0.3133

158.7162, 0.3285,
0.3266

 0.0000, 1.0000,
0.0000


196.5702, 0.3274,


 0.0000, 0.0000,


0.3268


0.0000


240.0099, 0.3265,
0.3269

 27.3649, 0.3412,
0.3245

 27.3649, 0.3412,
0.3245


 22.6948, 0.3634,
0.3217


 32.8017, 0.3233,
0.3272


 18.7532, 0.3907,
0.3189


 39.0334, 0.3088,
0.3297


 15.5047, 0.4237,
0.3163

 46.0918, 0.2971,
0.3320

 12.9090, 0.4625,
0.3144

 54.0053, 0.2876,
0.3341

 10.9218, 0.5055,
0.3136

 62.8014, 0.2798,
0.3360

■ 9.4935, 0.5495,
0.3145

■ 72.5062, 0.2734,
0.3377

■ 8.5664, 0.5892,
0.3173

■ 83.1447, 0.2681,
0.3393

■ 8.0537, 0.6190,
0.3216

■ 86.6319, 0.2624,
0.3289

■ 7.9341, 0.6261,
0.3223

Harmonies

Analogous

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



27.3649, 0.3249, 0.3098



27.3649, 0.3412, 0.3245



27.3649, 0.3498, 0.3407

Triad

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



27.3649, 0.3412, 0.3245



27.3649, 0.3189, 0.3603



27.3649, 0.2785, 0.3027

Complementary

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



27.3649, 0.3412, 0.3245



34.3569, 0.2899, 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.



27.3649, 0.2771, 0.3155



27.3649, 0.3412, 0.3245



27.3649, 0.3000, 0.3494

Square

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



27.3649, 0.3412, 0.3245



27.3649, 0.3366, 0.3620



27.3649, 0.2848, 0.3327



27.3649, 0.2887, 0.2972

Rectangle

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



27.3649, 0.3412, 0.3245



27.3649, 0.3498, 0.3505



27.3649, 0.2848, 0.3327



27.3649, 0.2769, 0.3062

Sweetspot

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



27.3661, 0.3412, 0.3245



61.6601, 0.3202, 0.3277



27.8392, 0.3112, 0.2873



13.3229, 0.3212, 0.3275



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.3661, 0.3412, 0.3245



46.7206, 0.3480, 0.3236



30.4548, 0.3418, 0.3454



7.0977, 0.3269, 0.3266



6.0877, 0.6245, 0.3214



0.1313, 0.5650, 0.2886

Inverse Universe

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



27.3661, 0.3412, 0.3245



46.7206, 0.3480, 0.3236



30.7844, 0.2868, 0.3121



7.0977, 0.3269, 0.3266



6.0877, 0.6245, 0.3214



0.1313, 0.5650, 0.2886

Previews

White Background



This preview shows how the Yxy color 27.3649, 0.3412, 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 27.3649, 0.3412, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

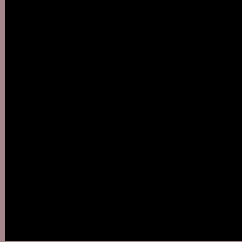
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3649, 0.3412, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 27.3649, 0.3412, 0.3245.



This preview shows how white text looks on a background with the Yxy color 27.3649, 0.3412, 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

27.3649, 0.3412, 0.3245

Protanopia

27.3489, 0.3149, 0.3274

Deuteranopia

27.3101, 0.3340, 0.3275



Tritanopia

27.3716, 0.3360, 0.3139

Trichromacy



Original Color

27.3649, 0.3412, 0.3245

Protanomaly

27.3846, 0.3238, 0.3259

Deuteranomaly

27.2290, 0.3364, 0.3260

Tritanomaly

27.3104, 0.3382, 0.3169

Monochromacy



Original Color

27.3649, 0.3412, 0.3245

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.0046, 0.3225, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3649, 0.3412, 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(164, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(164, 136, 139)  
}
```

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(164, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 136, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.3649, 0.3412, 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(164, 136, 139) }
```

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

```
.border{ border-color:rgb(164, 136, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 136, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 136, 139);  
box-shadow:4px 4px 4px 4px rgb(164, 136,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3649, 0.3412, 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(164, 136, 139) }
```

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

```
.background{ background-color: rgb(164,  
136, 139) }
```

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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