

Converting Colors

$Yxy(26.9342, 0.3612, 0.3448)$

Have a look what the booklet for
Yxy(26.9342, 0.3612, 0.3448)
contains.

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Color

Yxy(27.0241, 0.3608, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	A7877D
RGB	167, 135, 125
RGB Percent	65%, 53%, 49%
CMY	0.3450, 0.4706, 0.5099
CMYK	0.00, 0.19, 0.25, 0.35
HSL	14°, 19%, 57%
HSV	14°, 25%, 65%
XYZ	28.3027, 27.0241, 23.1176
YIQ	143.4280, 22.2820, 3.6740

Conversions

Conversions Part 2

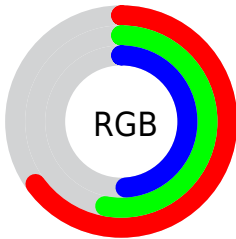
Format	Color
RYB	167, 138, 125
Decimal	10979197
CIELab	59.00, 10.63, 9.99
CIElCh	59, 14.585, 43.235
Yxy	27.0241, 0.3608, 0.3445
Android (android.graphics.Color)	4289169277 (0xFFA7877D)
YUV	143.4280, -9.0850, 20.6726
Hunter-Lab	51.9847, 6.2099, 10.0231

Details

The Yxy color $27.0241, 0.3608, 0.3445$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.2581, 0.2751, 0.3129$, and the grayscale version is $27.6790, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8688, 0.3505, 0.3407$, and $10.5962, 0.3785, 0.3490$ is the 20% darker color. If you saturate the color by 10%, you get $23.2943, 0.3866, 0.3510$, and if you desaturate by 10%, it is $31.2521, 0.3391, 0.3381$.

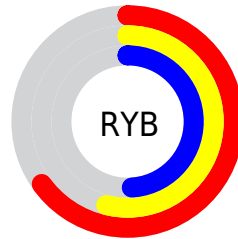
Distribution



Red (65%)

Green (53%)

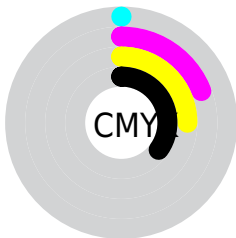
Blue (49%)



Red (65%)

Yellow (54%)

Blue (49%)

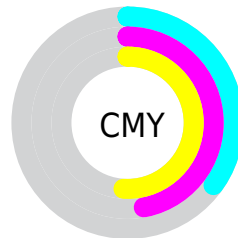


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (35%)



Cyan (35%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0241, 0.3608, 0.3445 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 27.0241, 0.3608, 0.3445 by changing the saturation by 10% instead.

 27.0241, 0.3608,
0.3445


 27.0241, 0.3608,
0.3445


287.7738, 0.3344,
0.3365


 17.5913, 0.3683,
0.3466


 54.9225, 0.3506,
0.3415

 10.6570, 0.3786,
0.3492


 74.1570, 0.3469,
0.3404

 5.8367, 0.3934,
0.3527


 97.4275, 0.3439,
0.3395

 2.7460, 0.4166,
0.3573

125.1183, 0.3414,
0.3387

 1.0006, 0.4763,
0.3779

157.6140, 0.3392,
0.3381

 0.0000, 1.0000,
0.0000

195.2989, 0.3374,

 0.0000, 0.0000,

0.3375

0.0000

238.5573, 0.3358,
0.3370

■ 27.0241, 0.3608,
0.3445

■ 27.0241, 0.3608,
0.3445

■ 23.2943, 0.3866,
0.3510

■ 31.2521, 0.3391,
0.3381

■ 20.0406, 0.4169,
0.3573

■ 35.9921, 0.3209,
0.3320

■ 17.2445, 0.4515,
0.3627

■ 41.2618, 0.3057,
0.3263

■ 14.8850, 0.4896,
0.3664

■ 47.0773, 0.2930,
0.3211

■ 12.9394, 0.5288,
0.3674

■ 53.4535, 0.2824,
0.3164

■ 11.3828, 0.5658,
0.3646

■ 60.4052, 0.2734,
0.3121

■ 10.1868, 0.5961,
0.3581

■ 67.9464, 0.2658,
0.3082

■ 9.7235, 0.6089,
0.3547

■ 75.8574, 0.2611,
0.3085

■ 83.4744, 0.2630,
0.3228

Harmonies

Analogous

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



27.0241, 0.3502, 0.3238



27.0241, 0.3608, 0.3445



27.0241, 0.3579, 0.3622

Triad

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



27.0241, 0.3608, 0.3445



27.0241, 0.2954, 0.3548



27.0241, 0.2826, 0.2883

Complementary

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



27.0241, 0.3608, 0.3445



31.2581, 0.2751, 0.3129

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.



27.0241, 0.2692, 0.2946



27.0241, 0.3608, 0.3445



27.0241, 0.2763, 0.3327

Square

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



27.0241, 0.3608, 0.3445



27.0241, 0.3196, 0.3694



27.0241, 0.2669, 0.3105



27.0241, 0.3044, 0.2923

Rectangle

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



27.0241, 0.3608, 0.3445



27.0241, 0.3488, 0.3698



27.0241, 0.2669, 0.3105



27.0241, 0.2770, 0.2892

Sweetspot

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



27.0253, 0.3608, 0.3445



61.8262, 0.3260, 0.3338



25.3191, 0.3263, 0.2813



13.5532, 0.3286, 0.3346



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.



27.0253, 0.3608, 0.3445



44.6948, 0.3741, 0.3480



33.4080, 0.3535, 0.3750



7.8221, 0.3280, 0.3345



7.5050, 0.6073, 0.3560



0.2586, 0.5465, 0.4043

Inverse Universe

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



31.2581, 0.2751, 0.3129



53.5312, 0.2675, 0.3090



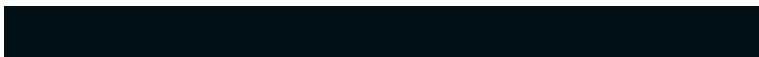
24.8090, 0.2721, 0.2783



8.2243, 0.2987, 0.3235



13.8614, 0.2032, 0.2515



0.4089, 0.2111, 0.2800

Previews

White Background



This preview shows how the Yxy color 27.0241, 0.3608, 0.3445 looks on a white background.

Color Contrast Check

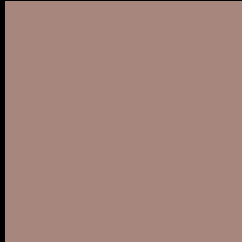
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0241, 0.3608, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

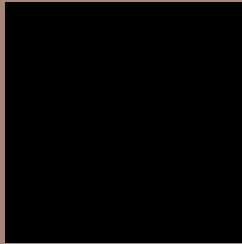
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0241, 0.3608, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 27.0241, 0.3608, 0.3445.



This preview shows how white text looks on a background with the Yxy color 27.0241, 0.3608, 0.3445.

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

27.0241, 0.3608, 0.3445

Protanopia

27.2004, 0.3335, 0.3519

Deuteranopia

27.0534, 0.3542, 0.3479



Tritanopia

26.9207, 0.3434, 0.3126

Trichromacy



Original Color

27.0241, 0.3608, 0.3445

Protanomaly

26.9661, 0.3433, 0.3483

Deuteranomaly

26.9815, 0.3569, 0.3462

Tritanomaly

26.8775, 0.3500, 0.3246

Monochromacy



Original Color

27.0241, 0.3608, 0.3445

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.2091, 0.3300, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0241, 0.3608, 0.3445 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, 135, 125)` looks like.

```
.text, #text, p{  
    color:rgb(167, 135, 125)  
}
```

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, 135, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 135, 125) }
```

Border

The CSS property to change the border of an element to Yxy 27.0241, 0.3608, 0.3445 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, 135, 125) }
```

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

```
.border{ border-color:rgb(167, 135, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 135, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 135, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 135, 125);  
box-shadow:4px 4px 4px 4px rgb(167, 135,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0241, 0.3608, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 135, 125) }
```

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

```
.background{ background-color: rgb(167,  
135, 125) }
```

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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