

Converting Colors

$Y_{xy}(27.3818, 0.3653, 0.3459)$

Have a look what the booklet for
Yxy(27.3818, 0.3653, 0.3459)
contains.

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Color

Yxy(27.3292, 0.3654, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	AA877C
RGB	170, 135, 124
RGB Percent	67%, 53%, 49%
CMY	0.3334, 0.4706, 0.5137
CMYK	0.00, 0.21, 0.27, 0.33
HSL	14°, 21%, 58%
HSV	14°, 27%, 67%
XYZ	28.8782, 27.3292, 22.8244
YIQ	144.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

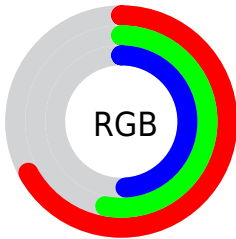
Format	Color
R_{YB}	170, 138, 124
Decimal	11175804
CIE Lab	59.28, 11.66, 10.98
CIE LCh	59, 16.019, 43.280
Yxy	27.3292, 0.3654, 0.3458
Android (android.graphics.Color)	4289365884 (0xFFAA877C)
YUV	144.2110, -9.9640, 22.6170
Hunter-Lab	52.2773, 7.1188, 10.7080

Details

The Yxy color $27.3292, 0.3654, 0.3458$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.9805, 0.2724, 0.3115$, and the grayscale version is $28.0134, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3095, 0.3539, 0.3417$, and $10.7869, 0.3854, 0.3507$ is the 20% darker color. If you saturate the color by 10%, you get $23.5442, 0.3921, 0.3524$, and if you desaturate by 10%, it is $31.6293, 0.3429, 0.3393$.

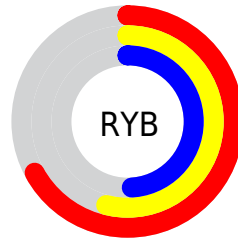
Distribution



Red (67%)

Green (53%)

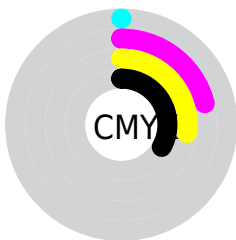
Blue (49%)



Red (67%)

Yellow (54%)

Blue (49%)

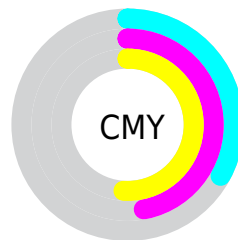


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (33%)



Cyan (33%)


Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3292, 0.3654, 0.3458 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 27.3292, 0.3654, 0.3458 by changing the saturation by 10% instead.


 27.3292, 0.3654,
0.3458


 27.3292, 0.3654,
0.3458


289.2475, 0.3365,
0.3372


 17.8206, 0.3736,
0.3480


 55.4117, 0.3542,
0.3426

 10.8213, 0.3848,
0.3507


 74.7544, 0.3502,
0.3415

 5.9468, 0.4008,
0.3543

 98.1439, 0.3469,
0.3405

 2.8127, 0.4259,
0.3590

125.9646, 0.3442,
0.3396

 1.0348, 0.4906,
0.3805

158.6009, 0.3418,
0.3389

 0.0000, 1.0000,
0.0000

196.4373, 0.3398,

 0.0000, 0.0000,

0.3383

0.0000

239.8580, 0.3380,
0.3377

■ 27.3292, 0.3654,
0.3458

■ 27.3292, 0.3654,
0.3458

■ 23.5442, 0.3921,
0.3524

■ 31.6293, 0.3429,
0.3393

■ 20.2510, 0.4232,
0.3585

■ 36.4591, 0.3241,
0.3331

■ 17.4302, 0.4587,
0.3637


■ 41.8373, 0.3084,
0.3273

■ 15.0596, 0.4972,
0.3670


■ 47.7805, 0.2952,
0.3220

■ 13.1150, 0.5363,
0.3673


■ 54.3046, 0.2842,
0.3172


 11.5700, 0.5723,
0.3638


 61.4251, 0.2750,
0.3128

 10.3932, 0.6013,
0.3566

 69.1566, 0.2671,
0.3088

 10.1075, 0.6090,
0.3546

 77.1870, 0.2628,
0.3105

 85.0100, 0.2647,
0.3249

Harmonies

Analogous

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



27.3292, 0.3538, 0.3233



27.3292, 0.3654, 0.3458



27.3292, 0.3621, 0.3652

Triad

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



27.3292, 0.3654, 0.3458



27.3292, 0.2937, 0.3573



27.3292, 0.2798, 0.2846

Complementary

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



27.3292, 0.3654, 0.3458



31.9805, 0.2724, 0.3115

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.



27.3292, 0.2652, 0.2913



27.3292, 0.3654, 0.3458



27.3292, 0.2729, 0.3329

Square

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



27.3292, 0.3654, 0.3458



27.3292, 0.3201, 0.3734



27.3292, 0.2628, 0.3086



27.3292, 0.3036, 0.2890

Rectangle

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



27.3292, 0.3654, 0.3458



27.3292, 0.3521, 0.3736



27.3292, 0.2628, 0.3086



27.3292, 0.2738, 0.2856

Sweetspot

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



27.3305, 0.3654, 0.3458



65.1519, 0.3260, 0.3338



25.4746, 0.3275, 0.2775



14.2302, 0.3286, 0.3347



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



27.3305, 0.3654, 0.3458



45.6820, 0.3796, 0.3494



34.3612, 0.3570, 0.3786



7.8229, 0.3280, 0.3345



7.5111, 0.6072, 0.3561



0.2589, 0.5463, 0.4045

Inverse Universe

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



31.9805, 0.2724, 0.3115



55.4310, 0.2645, 0.3074



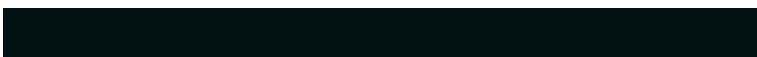
24.8722, 0.2688, 0.2739



8.2234, 0.2987, 0.3235



13.8385, 0.2031, 0.2512



0.4085, 0.2111, 0.2798

Previews

White Background



This preview shows how the Yxy color 27.3292, 0.3654, 0.3458 looks on a white background.

Color Contrast Check

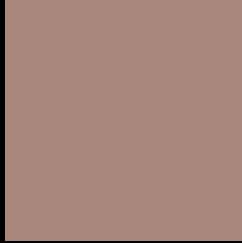
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3292, 0.3654, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

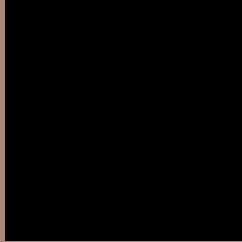
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3292, 0.3654, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 27.3292, 0.3654, 0.3458.



This preview shows how white text looks on a background with the Yxy color 27.3292, 0.3654, 0.3458.

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

27.3292, 0.3654, 0.3458

Protanopia

27.2941, 0.3347, 0.3518

Deuteranopia

27.5247, 0.3573, 0.3508



Tritanopia

27.2262, 0.3480, 0.3143

Trichromacy



Original Color

27.3292, 0.3654, 0.3458

Protanomaly

27.1656, 0.3456, 0.3481

Deuteranomaly

27.4535, 0.3600, 0.3491

Tritanomaly

27.1823, 0.3546, 0.3261

Monochromacy



Original Color

27.3292, 0.3654, 0.3458

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6282, 0.3299, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3292, 0.3654, 0.3458 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(170, 135, 124)` looks like.

```
.text, #text, p{  
    color:rgb(170, 135, 124)  
}
```

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(170, 135, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 135, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.3292, 0.3654, 0.3458 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(170, 135, 124) }
```

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

```
.border{ border-color:rgb(170, 135, 124) }
```

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

Here you see how a box with a 4 pixel rgb(170, 135, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 135, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 135, 124);  
box-shadow:4px 4px 4px 4px rgb(170, 135,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3292, 0.3654, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 135, 124) }
```

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

```
.background{ background-color: rgb(170,  
135, 124) }
```

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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