

Converting Colors

$Y_{xy}(27.5956, 0.3669, 0.3664)$

Have a look what the booklet for
Yxy(27.5956, 0.3669, 0.3664)
contains.

Yxy(27.5956, 0.3669, 0.3664)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.5956, 0.3669, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	A48B73
RGB	164, 139, 115
RGB Percent	64%, 55%, 45%
CMY	0.3569, 0.4549, 0.5491
CMYK	0.00, 0.15, 0.30, 0.36
HSL	29°, 21%, 55%
HSV	29°, 30%, 64%
XYZ	27.6333, 27.5956, 20.0866
YIQ	143.7390, 22.6040, -2.1640

Conversions

Conversions Part 2

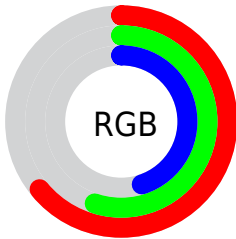
Format	Color
RYB	164, 162, 115
Decimal	10783603
CIELab	59.52, 5.71, 16.36
CIELCh	60, 17.324, 70.757
Yxy	27.5956, 0.3669, 0.3664
Android (android.graphics.Color)	4288973683 (0xFFA48B73)
YUV	143.7390, -14.1683, 17.7689
Hunter-Lab	52.5315, 1.9666, 14.1012

Details

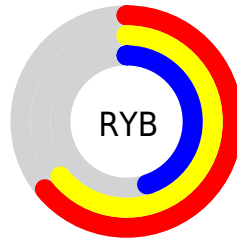
The Yxy color $27.5956, 0.3669, 0.3664$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $25.0674, 0.2662, 0.2883$, and the grayscale version is $27.8303, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7049, 0.3560, 0.3584$, and $10.9295, 0.3855, 0.3781$ is the 20% darker color. If you saturate the color by 10%, you get $24.9237, 0.3898, 0.3794$, and if you desaturate by 10%, it is $30.5222, 0.3464, 0.3534$.

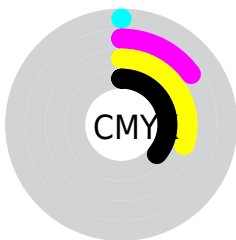
Distribution



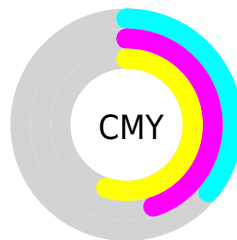
- Red (64%)
- Green (55%)
- Blue (45%)



- Red (64%)
- Yellow (64%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5956, 0.3669, 0.3664 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 27.5956, 0.3669, 0.3664 by changing the saturation by 10% instead.


 27.5956, 0.3669,
0.3664


 27.5956, 0.3669,
0.3664


290.5295, 0.3374,
0.3465


 18.0210, 0.3752,
0.3717


 55.8381, 0.3555,
0.3589

 10.9651, 0.3863,
0.3787


 75.2749, 0.3515,
0.3562

 6.0434, 0.4021,
0.3882


 98.7679, 0.3481,
0.3539

 2.8715, 0.4261,
0.4017

126.7015, 0.3453,
0.3520

 1.0650, 0.5242,
0.4739

159.4600, 0.3428,
0.3503

 0.0000, 1.0000,
0.0000

197.4279, 0.3408,

 0.0000, 0.0000,

0.3489

0.0000

240.9896, 0.3389,
0.3477

■ 27.5956, 0.3669,
0.3664

■ 27.5956, 0.3669,
0.3664

■ 24.9237, 0.3898,
0.3794

■ 30.5222, 0.3464,
0.3534

■ 22.4951, 0.4149,
0.3917

■ 33.7070, 0.3284,
0.3408

■ 20.3028, 0.4418,
0.4023

■ 37.1582, 0.3125,
0.3289

■ 18.3382, 0.4693,
0.4102

■ 40.8824, 0.2987,
0.3177

■ 16.5918, 0.4961,
0.4142

■ 44.8861, 0.2867,
0.3074

■ 15.0529, 0.5205,
0.4131

■ 49.1753, 0.2762,
0.2979

■ 13.7037, 0.5419,
0.4078

■ 53.7560, 0.2671,
0.2892

■ 13.6878, 0.5422,
0.4077

■ 58.6340, 0.2591,
0.2813

■ 63.3175, 0.2559,
0.2819

Harmonies

Analogous

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



27.5956, 0.3691, 0.3449



27.5956, 0.3669, 0.3664



27.5956, 0.3497, 0.3791

Triad

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



27.5956, 0.3669, 0.3664



27.5956, 0.2714, 0.3355



27.5956, 0.3004, 0.2853

Complementary

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



27.5956, 0.3669, 0.3664



25.0674, 0.2662, 0.2883

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.



27.5956, 0.2756, 0.2814



27.5956, 0.3669, 0.3664



27.5956, 0.2594, 0.3088

Square

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



27.5956, 0.3669, 0.3664



27.5956, 0.2944, 0.3615



27.5956, 0.2609, 0.2895



27.5956, 0.3297, 0.2994

Rectangle

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



27.5956, 0.3669, 0.3664



27.5956, 0.3325, 0.3800



27.5956, 0.2609, 0.2895



27.5956, 0.2913, 0.2827

Sweetspot

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



27.5969, 0.3669, 0.3664



61.6272, 0.3272, 0.3399



22.0520, 0.3444, 0.2900



13.2901, 0.3295, 0.3416



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.



27.5969, 0.3669, 0.3664



46.7564, 0.3822, 0.3753



35.3799, 0.3571, 0.4007



7.6326, 0.3273, 0.3400



10.5931, 0.5407, 0.4089



0.3172, 0.4867, 0.4518

Inverse Universe

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



25.0674, 0.2662, 0.2883



41.3937, 0.2553, 0.2774



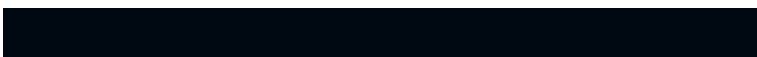
18.7702, 0.2615, 0.2455



7.4288, 0.2987, 0.3177



6.9628, 0.1789, 0.1641



0.2407, 0.1971, 0.2295

Previews

White Background



This preview shows how the Yxy color 27.5956, 0.3669, 0.3664 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 27.5956, 0.3669, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

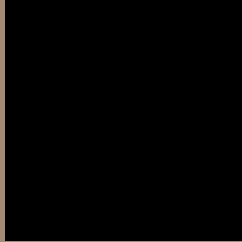
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5956, 0.3669, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 27.5956, 0.3669, 0.3664.



This preview shows how white text looks on a background with the Yxy color 27.5956, 0.3669, 0.3664.

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

27.5956, 0.3669, 0.3664

Protanopia

27.6047, 0.3493, 0.3712

Deuteranopia

27.6303, 0.3709, 0.3644



Tritanopia

27.5878, 0.3382, 0.3140

Trichromacy



Original Color

27.5956, 0.3669, 0.3664

Protanomaly

27.6749, 0.3553, 0.3706

Deuteranomaly

27.5218, 0.3697, 0.3646

Tritanomaly

27.4365, 0.3491, 0.3322

Monochromacy



Original Color

27.5956, 0.3669, 0.3664

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6188, 0.3317, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5956, 0.3669, 0.3664 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, 139, 115)` looks like.

```
.text, #text, p{  
    color:rgb(164, 139, 115)  
}
```

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, 139, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 139, 115) }
```

Border

The CSS property to change the border of an element to Yxy 27.5956, 0.3669, 0.3664 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, 139, 115) }
```

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

```
.border{ border-color:rgb(164, 139, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 139, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 139, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 139, 115);  
box-shadow:4px 4px 4px 4px rgb(164, 139,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5956, 0.3669, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 139, 115) }
```

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

```
.background{ background-color: rgb(164,  
139, 115) }
```

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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