

Converting Colors

$Y_{xy}(27.8152, 0.3636, 0.3742)$

Have a look what the booklet for
Yxy(27.8152, 0.3636, 0.3742)
contains.

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Color

Yxy(27.7156, 0.3636, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	A08D71
RGB	160, 141, 113
RGB Percent	63%, 55%, 44%
CMY	0.3725, 0.4470, 0.5569
CMYK	0.00, 0.12, 0.29, 0.37
HSL	36°, 20%, 54%
HSV	36°, 29%, 63%
XYZ	27.0027, 27.7156, 19.5465
YIQ	143.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

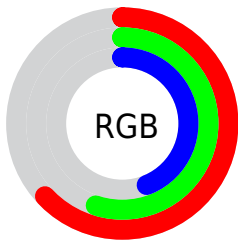
Format	Color
R _Y B	145, 160, 113
Decimal	10521969
CIE Lab	59.63, 2.70, 17.57
CIE LCh	60, 17.781, 81.268
Yxy	27.7156, 0.3636, 0.3732
Android (android.graphics.Color)	4288712049 (0xFFA08D71)
YUV	143.4890, -15.0311, 14.4801
Hunter-Lab	52.6456, -0.5747, 14.8385

Details

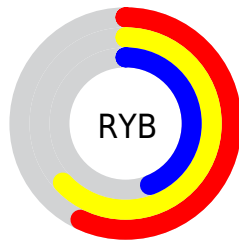
The Yxy color $27.7156, 0.3636, 0.3732$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.5483, 0.2661, 0.2803$, and the grayscale version is $27.7297, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1939, 0.3526, 0.3646$, and $11.0520, 0.3818, 0.3879$ is the 20% darker color. If you saturate the color by 10%, you get $25.5360, 0.3844, 0.3887$, and if you desaturate by 10%, it is $30.0726, 0.3445, 0.3577$.

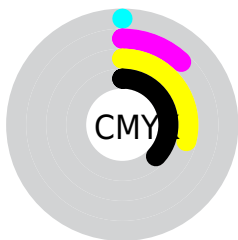
Distribution



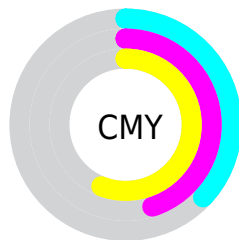
- Red (63%)
- Green (55%)
- Blue (44%)



- Red (57%)
- Yellow (63%)
- Blue (44%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (37%)





- Cyan (37%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7156, 0.3636, 0.3732 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 27.7156, 0.3636, 0.3732 by changing the saturation by 10% instead.


 27.7156, 0.3636,
0.3732


 27.7156, 0.3636,
0.3732


291.1054, 0.3360,
0.3495


 18.1114, 0.3713,
0.3796


 56.0301, 0.3530,
0.3642

 11.0300, 0.3815,
0.3882


 75.5091, 0.3492,
0.3609

 6.0870, 0.3960,
0.4000

 99.0485, 0.3460,
0.3582

 2.8981, 0.4177,
0.4171

 127.0328, 0.3434,
0.3559

 1.0787, 0.5054,
0.4946

159.8462, 0.3411,
0.3540

 0.0000, 1.0000,
0.0000

197.8731, 0.3392,

 0.0000, 0.0000,

0.3523

0.0000

241.4981, 0.3375,
0.3508

■ 27.7156, 0.3636,
0.3732

■ 27.7156, 0.3636,
0.3732

■ 25.5360, 0.3844,
0.3887

■ 30.0726, 0.3445,
0.3577

■ 23.5248, 0.4066,
0.4034

■ 32.6082, 0.3272,
0.3425

■ 21.6777, 0.4297,
0.4165

■ 35.3283, 0.3118,
0.3281

■ 19.9887, 0.4526,
0.4268

■ 38.2373, 0.2981,
0.3146

■ 18.4512, 0.4744,
0.4332

■ 41.3397, 0.2860,
0.3021

■ 17.0577, 0.4938,
0.4348

■ 44.6394, 0.2752,
0.2906

■ 15.7945, 0.5106,
0.4321

■ 48.1404, 0.2658,
0.2800

■ 15.7197, 0.5117,
0.4319

■ 51.8467, 0.2574,
0.2702

■ 55.6328, 0.2510,
0.2634

Harmonies

Analogous

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



27.7156, 0.3717, 0.3536



27.7156, 0.3636, 0.3732



27.7156, 0.3417, 0.3818

Triad

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



27.7156, 0.3636, 0.3732



27.7156, 0.2646, 0.3256



27.7156, 0.3105, 0.2883

Complementary

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



27.7156, 0.3636, 0.3732



22.5483, 0.2661, 0.2803

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.



27.7156, 0.2826, 0.2804



27.7156, 0.3636, 0.3732



27.7156, 0.2571, 0.3002

Square

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



27.7156, 0.3636, 0.3732



27.7156, 0.2847, 0.3537



27.7156, 0.2635, 0.2842



27.7156, 0.3402, 0.3058

Rectangle

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



27.7156, 0.3636, 0.3732



27.7156, 0.3227, 0.3790



27.7156, 0.2635, 0.2842



27.7156, 0.3006, 0.2844

Sweetspot

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



27.7169, 0.3636, 0.3732



59.3042, 0.3269, 0.3422



20.9642, 0.3497, 0.2980



12.8629, 0.3292, 0.3443



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.7169, 0.3636, 0.3732



47.7955, 0.3765, 0.3830



33.4110, 0.3518, 0.4015



7.2702, 0.3270, 0.3423



12.3330, 0.5106, 0.4328



0.3020, 0.4662, 0.4680

Inverse Universe

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



22.5483, 0.2661, 0.2803



36.9234, 0.2555, 0.2680



18.1222, 0.2666, 0.2468



6.8534, 0.2988, 0.3153



4.9741, 0.1698, 0.1311



0.1696, 0.1913, 0.2086

Previews

White Background



This preview shows how the Yxy color 27.7156, 0.3636, 0.3732 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 27.7156, 0.3636, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

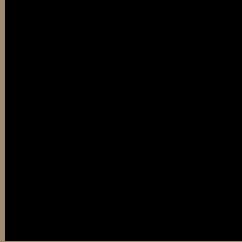
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7156, 0.3636, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 27.7156, 0.3636, 0.3732.



This preview shows how white text looks on a background with the Yxy color 27.7156, 0.3636, 0.3732.

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

27.7156, 0.3636, 0.3732

Protanopia

27.6321, 0.3536, 0.3759

Deuteranopia

27.7167, 0.3732, 0.3658



Tritanopia

27.6074, 0.3325, 0.3124

Trichromacy



Original Color

27.7156, 0.3636, 0.3732

Protanomaly

27.6288, 0.3575, 0.3738

Deuteranomaly

27.6795, 0.3692, 0.3678

Tritanomaly

27.7128, 0.3440, 0.3337

Monochromacy



Original Color

27.7156, 0.3636, 0.3732

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.4015, 0.3305, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7156, 0.3636, 0.3732 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(160, 141, 113)` looks like.

```
.text, #text, p{  
    color:rgb(160, 141, 113)  
}
```

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(160, 141, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 141, 113) }
```

Border

The CSS property to change the border of an element to Yxy 27.7156, 0.3636, 0.3732 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(160, 141, 113) }
```

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

```
.border{ border-color:rgb(160, 141, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 141, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 141, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 141, 113);  
box-shadow:4px 4px 4px 4px rgb(160, 141,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7156, 0.3636, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 141, 113) }
```

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

```
.background{ background-color: rgb(160,  
141, 113) }
```

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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