

Converting Colors

$Y_{xy}(28.3509, 0.3886, 0.3603)$

Have a look what the booklet for
Yxy(28.3509, 0.3886, 0.3603)
contains.

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Color

Yxy(28.2461, 0.3887, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	B48772
RGB	180, 135, 114
RGB Percent	71%, 53%, 45%
CMY	0.2941, 0.4706, 0.5530
CMYK	0.00, 0.25, 0.37, 0.29
HSL	19°, 31%, 58%
HSV	19°, 37%, 71%
XYZ	30.5234, 28.2461, 19.7573
YIQ	146.0610, 33.5610, 3.0090

Conversions

Conversions Part 2

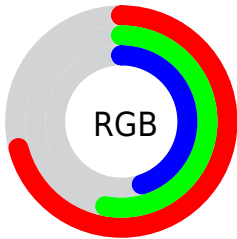
Format	Color
R_{YB}	180, 145, 114
Decimal	11831154
CIE _{Lab}	60.11, 14.34, 18.00
CIE _{LCh}	60, 23.011, 51.455
Yxy	28.2461, 0.3887, 0.3597
Android (android.graphics.Color)	4290021234 (0xFFB48772)
YUV	146.0610, -15.8061, 29.7645
Hunter-Lab	53.1471, 9.5086, 15.1620

Details

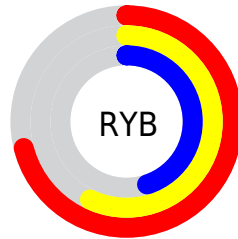
The Yxy color $28.2461, 0.3887, 0.3597$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.6617, 0.2575, 0.2957$, and the grayscale version is $28.8268, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.7241, 0.3728, 0.3537$, and $11.3260, 0.4164, 0.3674$ is the 20% darker color. If you saturate the color by 10%, you get $24.6484, 0.4178, 0.3680$, and if you desaturate by 10%, it is $32.3218, 0.3634, 0.3510$.

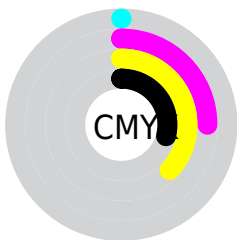
Distribution



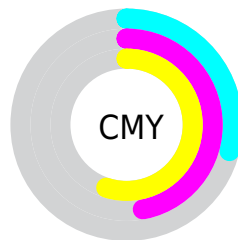
- Red (71%)
- Green (53%)
- Blue (45%)



- Red (71%)
- Yellow (57%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (29%)




- Cyan (29%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2461, 0.3887, 0.3597 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 28.2461, 0.3887, 0.3597 by changing the saturation by 10% instead.


 28.2461, 0.3887,
0.3597


 28.2461, 0.3887,
0.3597


293.6410, 0.3472,
0.3442


 18.5113, 0.4002,
0.3634


 56.8771, 0.3728,
0.3541


 11.3177, 0.4158,
0.3681


 76.5421, 0.3670,
0.3520

 6.2809, 0.4378,
0.3738


 100.2859, 0.3623,
0.3502

 3.0166, 0.4709,
0.3803

 128.4929, 0.3583,
0.3487

 1.1404, 0.5766,
0.4234

161.5475, 0.3550,
0.3474

 0.0122, 0.9673,
0.0327

199.8341, 0.3520,

 0.0000, 0.0000,

0.3462

0.0000

243.7372, 0.3495,
0.3452

■ 28.2461, 0.3887,
0.3597

■ 28.2461, 0.3887,
0.3597

■ 24.6484, 0.4178,
0.3680

■ 32.3218, 0.3634,
0.3510

■ 21.5064, 0.4505,
0.3752

■ 36.8884, 0.3418,
0.3424

■ 18.8022, 0.4857,
0.3801

■ 41.9634, 0.3234,
0.3342

■ 16.5150, 0.5215,
0.3817

■ 47.5624, 0.3078,
0.3265

■ 14.6219, 0.5549,
0.3789

■ 53.7000, 0.2947,
0.3194

■ 13.0963, 0.5827,
0.3714

■ 60.3903, 0.2835,
0.3129

■ 12.6613, 0.5913,
0.3687

■ 67.6470, 0.2740,
0.3070

■ 75.2895, 0.2674,
0.3048

■ 82.4854, 0.2689,
0.3185

Harmonies

Analogous

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



28.2461, 0.3778, 0.3288



28.2461, 0.3887, 0.3597



28.2461, 0.3778, 0.3853

Triad

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



28.2461, 0.3887, 0.3597



28.2461, 0.2764, 0.3607



28.2461, 0.2743, 0.2674

Complementary

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



28.2461, 0.3887, 0.3597



31.6617, 0.2575, 0.2957

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.



28.2461, 0.2503, 0.2717



28.2461, 0.3887, 0.3597



28.2461, 0.2513, 0.3238

Square

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



28.2461, 0.3887, 0.3597



28.2461, 0.3120, 0.3888



28.2461, 0.2422, 0.2914



28.2461, 0.3097, 0.2776

Rectangle

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



28.2461, 0.3887, 0.3597



28.2461, 0.3602, 0.3953



28.2461, 0.2422, 0.2914



28.2461, 0.2647, 0.2672

Sweetspot

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



28.2474, 0.3887, 0.3597



71.8188, 0.3313, 0.3378



24.2410, 0.3409, 0.2657



15.2589, 0.3337, 0.3389



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



28.2474, 0.3887, 0.3597



45.8813, 0.4119, 0.3665



38.8865, 0.3724, 0.4040



8.9323, 0.3279, 0.3363



8.9453, 0.5891, 0.3705



0.3893, 0.5337, 0.4144

Inverse Universe

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



31.6617, 0.2575, 0.2957



52.9460, 0.2462, 0.2870



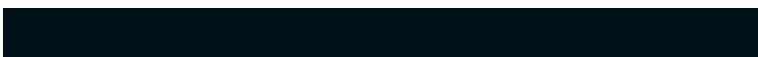
21.8155, 0.2498, 0.2406



9.1661, 0.2986, 0.3216



12.2576, 0.1953, 0.2232



0.4852, 0.2045, 0.2562

Previews

White Background



This preview shows how the Yxy color 28.2461, 0.3887, 0.3597 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 28.2461, 0.3887, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

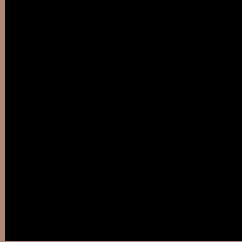
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2461, 0.3887, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 28.2461, 0.3887, 0.3597.



This preview shows how white text looks on a background with the Yxy color 28.2461, 0.3887, 0.3597.

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

28.2461, 0.3887, 0.3597

Protanopia

28.4527, 0.3489, 0.3706

Deuteranopia

28.2035, 0.3761, 0.3685



Tritanopia

28.2230, 0.3621, 0.3149

Trichromacy



Original Color

28.2461, 0.3887, 0.3597

Protanomaly

28.1206, 0.3627, 0.3664

Deuteranomaly

28.3679, 0.3813, 0.3663

Tritanomaly

28.0863, 0.3724, 0.3306

Monochromacy



Original Color

28.2461, 0.3887, 0.3597

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.3363, 0.3384, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2461, 0.3887, 0.3597 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(180, 135, 114)` looks like.

```
.text, #text, p{  
    color:rgb(180, 135, 114)  
}
```

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(180, 135, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 135, 114) }
```

Border

The CSS property to change the border of an element to Yxy 28.2461, 0.3887, 0.3597 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(180, 135, 114) }
```

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

```
.border{ border-color:rgb(180, 135, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 135, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 135, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 135, 114);  
box-shadow:4px 4px 4px 4px rgb(180, 135,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2461, 0.3887, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 135, 114) }
```

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

```
.background{ background-color: rgb(180,  
135, 114) }
```

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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