

Converting Colors

$Y_{xy}(28.4389, 0.3726, 0.4208)$

Have a look what the booklet for
Yxy(28.4389, 0.3726, 0.4208)
contains.

| | |
|---|----|
| Yxy(28.5144, 0.3721, 0.4204) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(28.5144, 0.3721, 0.4204)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 97945B |
| RGB | 151, 148, 91 |
| RGB Percent | 59%, 58%, 36% |
| CMY | 0.4079, 0.4196, 0.6431 |
| CMYK | 0.00, 0.02, 0.40, 0.41 |
| HSL | 57°, 25%, 47% |
| HSV | 57°, 40%, 59% |
| XYZ | 25.2384, 28.5144, 14.0741 |
| YIQ | 142.3990, 20.0850, -17.0910 |

Conversions

Conversions Part 2

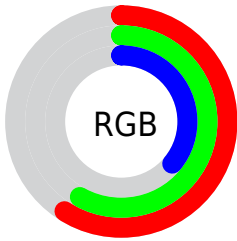
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 94, 151, 91 |
| Decimal | 9933915 |
| CIE _{Lab} | 60.35, -7.72, 30.52 |
| CIE _{LCh} | 60, 31.478, 104.203 |
| Yxy | 28.5144, 0.3721, 0.4204 |
| Android (android.graphics.Color) | 4288123995 (0xFF97945B) |
| YUV | 142.3990, -25.3397, 7.5431 |
| Hunter-Lab | 53.3989, -9.0821, 21.7525 |

Details

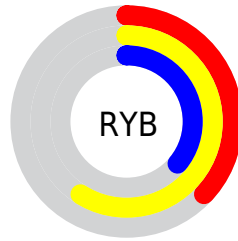
The Yxy color $28.5144, 0.3721, 0.4204$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.4613, 0.2426, 0.2175$, and the grayscale version is $27.3131, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.3159, 0.3606, 0.4016$, and $11.5699, 0.3889, 0.4514$ is the 20% darker color. If you saturate the color by 10%, you get $28.0469, 0.3862, 0.4415$, and if you desaturate by 10%, it is $29.0385, 0.3571, 0.3977$.

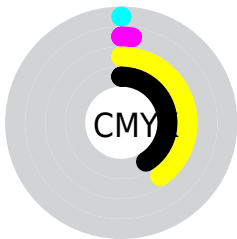
Distribution



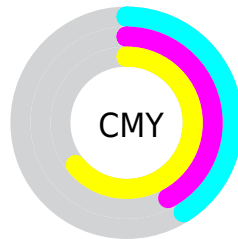
- Red (59%)
- Green (58%)
- Blue (36%)



- Red (37%)
- Yellow (59%)
- Blue (36%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (41%)





- Cyan (41%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5144, 0.3721, 0.4204 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 28.5144, 0.3721, 0.4204 by changing the saturation by 10% instead.


 28.5144, 0.3721,
0.4204


 28.5144, 0.3721,
0.4204


294.9168, 0.3411,
0.3708


 18.7138, 0.3799,
0.4339


 57.3047, 0.3607,
0.4015

 11.4636, 0.3896,
0.4517


 77.0631, 0.3565,
0.3946

 6.3796, 0.4018,
0.4758


 100.9096, 0.3529,
0.3890

 3.0772, 0.4253,
0.5207

 129.2285, 0.3498,
0.3842

 1.1722, 0.4349,
0.5651

162.4044, 0.3472,
0.3801

 0.0388, 0.0000,
1.0000

200.8214, 0.3449,

 0.0000, 0.0000,

0.3766

0.0000

244.8641, 0.3429,
0.3735

■ 28.5144, 0.3721,
0.4204

■ 28.5144, 0.3721,
0.4204

■ 28.0469, 0.3862,
0.4415

■ 29.0385, 0.3571,
0.3977

■ 27.6288, 0.3990,
0.4602

■ 29.6181, 0.3419,
0.3744

■ 27.2580, 0.4097,
0.4755


■ 30.2573, 0.3268,
0.3510

■ 26.9306, 0.4182,
0.4869


■ 30.9585, 0.3123,
0.3284

■ 26.6418, 0.4241,
0.4942


■ 31.7241, 0.2986,
0.3068

 26.3804, 0.4280,
0.4982

 32.5564, 0.2857,
0.2865

 26.3730, 0.4281,
0.4983

 33.4575, 0.2739,
0.2677

 34.4294, 0.2631,
0.2504

 35.4740, 0.2532,
0.2346

Harmonies

Analogous

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



28.5144, 0.4068, 0.3963



28.5144, 0.3721, 0.4204



28.5144, 0.3230, 0.4180

Triad

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



28.5144, 0.3721, 0.4204



28.5144, 0.2196, 0.2859



28.5144, 0.3483, 0.2814

Complementary

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



28.5144, 0.3721, 0.4204



12.4613, 0.2426, 0.2175

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.



28.5144, 0.2955, 0.2562



28.5144, 0.3721, 0.4204



28.5144, 0.2249, 0.2561

Square

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



28.5144, 0.3721, 0.4204



28.5144, 0.2365, 0.3331



28.5144, 0.2513, 0.2467



28.5144, 0.3939, 0.3176

Rectangle

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



28.5144, 0.3721, 0.4204



28.5144, 0.2892, 0.3986



28.5144, 0.2513, 0.2467



28.5144, 0.3306, 0.2715

Sweetspot

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



28.5157, 0.3721, 0.4204



53.9039, 0.3306, 0.3569



14.8704, 0.4037, 0.3241



12.2207, 0.3324, 0.3596



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.5157, 0.3721, 0.4204



50.3036, 0.3852, 0.4400



27.1670, 0.3405, 0.4350



7.1705, 0.3261, 0.3499



22.4553, 0.4280, 0.4983



0.3495, 0.4238, 0.5017

Inverse Universe

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



12.4613, 0.2426, 0.2175



17.2998, 0.2236, 0.1866



13.5698, 0.2737, 0.2211



6.0730, 0.2988, 0.3072



2.0516, 0.1512, 0.0643



0.0421, 0.1569, 0.0849

Previews

White Background



This preview shows how the Yxy color 28.5144, 0.3721, 0.4204 looks on a white background.

Color Contrast Check

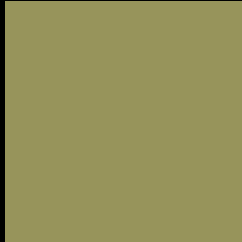
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5144, 0.3721, 0.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

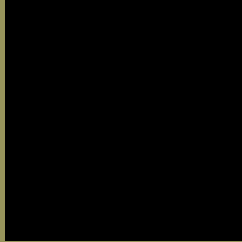
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5144, 0.3721, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 28.5144, 0.3721, 0.4204.



This preview shows how white text looks on a background with the Yxy color 28.5144, 0.3721, 0.4204.

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

28.5144, 0.3721, 0.4204

Protanopia

28.3599, 0.3841, 0.4147

Deuteranopia

28.3695, 0.4036, 0.3964



Tritanopia

28.5859, 0.3199, 0.3122

Trichromacy



Original Color

28.5144, 0.3721, 0.4204

Protanomaly

28.3639, 0.3800, 0.4172

Deuteranomaly

28.2257, 0.3922, 0.4050

Tritanomaly

28.5268, 0.3388, 0.3512

Monochromacy



Original Color

28.5144, 0.3721, 0.4204

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.3963, 0.3349, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5144, 0.3721, 0.4204 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(151, 148, 91)` looks like.

```
.text, #text, p{  
    color:rgb(151, 148, 91)  
}
```

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(151, 148, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 148, 91) }
```

Border

The CSS property to change the border of an element to Yxy 28.5144, 0.3721, 0.4204 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(151, 148, 91) }
```

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

```
.border{ border-color:rgb(151, 148, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 148, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 148, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 148, 91);  
box-shadow:4px 4px 4px 4px rgb(151, 148,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5144, 0.3721, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 148, 91) }
```

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

```
.background{ background-color: rgb(151,  
148, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor