

Converting Colors

$Y_{xy}(28.1693, 0.3616, 0.3977)$

Have a look what the booklet for
Yxy(28.1693, 0.3616, 0.3977)
contains.

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Color

Yxy(28.2124, 0.3626, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	989267
RGB	152, 146, 103
RGB Percent	60%, 57%, 40%
CMY	0.4039, 0.4274, 0.5961
CMYK	0.00, 0.04, 0.32, 0.40
HSL	53°, 19%, 50%
HSV	53°, 32%, 60%
XYZ	25.6772, 28.2124, 16.9246
YIQ	142.8920, 17.3790, -12.1010

Conversions

Conversions Part 2

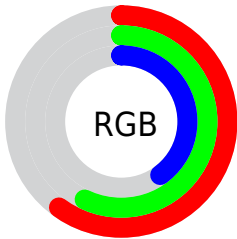
Format	Color
R_{YB}	110, 152, 103
Decimal	9998951
CIE _{Lab}	60.08, -4.71, 23.64
CIE _{LCh}	60, 24.102, 101.258
Yxy	28.2124, 0.3626, 0.3984
Android (android.graphics.Color)	4288189031 (0xFF989267)
YUV	142.8920, -19.6668, 7.9877
Hunter-Lab	53.1153, -6.6606, 18.2887

Details

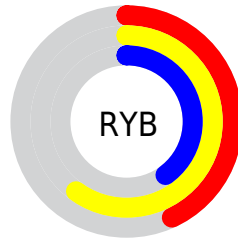
The Yxy color $28.2124, 0.3626, 0.3984$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.0907, 0.2584, 0.2485$, and the grayscale version is $27.4987, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.9070, 0.3530, 0.3847$, and $11.3509, 0.3786, 0.4243$ is the 20% darker color. If you saturate the color by 10%, you get $27.3657, 0.3786, 0.4195$, and if you desaturate by 10%, it is $29.1265, 0.3465, 0.3766$.

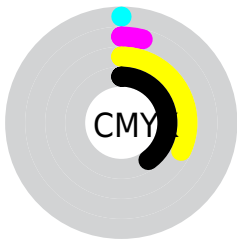
Distribution



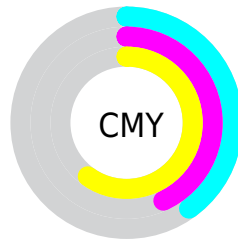
- Red (60%)
- Green (57%)
- Blue (40%)



- Red (43%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (32%)
- Black (40%)





- Cyan (40%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2124, 0.3626, 0.3984 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 28.2124, 0.3626, 0.3984 by changing the saturation by 10% instead.


 28.2124, 0.3626,
0.3984


 28.2124, 0.3626,
0.3984


293.4805, 0.3361,
0.3607


 18.4858, 0.3696,
0.4088


 56.8234, 0.3526,
0.3839


 11.2993, 0.3788,
0.4227


 76.4766, 0.3490,
0.3787

 6.2686, 0.3910,
0.4421


 100.2074, 0.3459,
0.3744

 3.0091, 0.4085,
0.4713

 128.4003, 0.3434,
0.3708

 1.1365, 0.4554,
0.5446

161.4397, 0.3412,
0.3677

 0.0089, 0.0000,
1.0000

199.7099, 0.3392,

 0.0000, 0.0000,

0.3650

0.0000

243.5954, 0.3376,
0.3627

■ 28.2124, 0.3626,
0.3984

■ 28.2124, 0.3626,
0.3984

■ 27.3657, 0.3786,
0.4195

■ 29.1265, 0.3465,
0.3766

■ 26.5796, 0.3940,
0.4390

■ 30.1070, 0.3309,
0.3548

■ 25.8519, 0.4082,
0.4561


■ 31.1578, 0.3159,
0.3336

■ 25.1790, 0.4205,
0.4698


■ 32.2815, 0.3019,
0.3134


■ 24.5567, 0.4305,
0.4794

■ 33.4803, 0.2890,
0.2944

 23.9799, 0.4378,
0.4848

 34.7565, 0.2771,
0.2767

 23.5536, 0.4423,
0.4870

 36.1122, 0.2663,
0.2605

 37.5495, 0.2565,
0.2456

 39.0704, 0.2477,
0.2320

Harmonies

Analogous

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



28.2124, 0.3872, 0.3798



28.2124, 0.3626, 0.3984



28.2124, 0.3255, 0.3975

Triad

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



28.2124, 0.3626, 0.3984



28.2124, 0.2403, 0.2998



28.2124, 0.3365, 0.2893

Complementary

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



28.2124, 0.3626, 0.3984



16.0907, 0.2584, 0.2485

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.



28.2124, 0.2960, 0.2702



28.2124, 0.3626, 0.3984



28.2124, 0.2426, 0.2742

Square

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



28.2124, 0.3626, 0.3984



28.2124, 0.2557, 0.3367



28.2124, 0.2623, 0.2644



28.2124, 0.3722, 0.3178

Rectangle

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



28.2124, 0.3626, 0.3984



28.2124, 0.2990, 0.3841



28.2124, 0.2623, 0.2644



28.2124, 0.3229, 0.2817

Sweetspot

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



28.2137, 0.3626, 0.3984



53.5038, 0.3278, 0.3504



17.4931, 0.3744, 0.3181



12.1076, 0.3297, 0.3532



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.



28.2137, 0.3626, 0.3984



48.6578, 0.3747, 0.4144



28.5104, 0.3402, 0.4125



7.0936, 0.3263, 0.3484



19.7769, 0.4421, 0.4872



0.3273, 0.4307, 0.4962

Inverse Universe

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



16.0907, 0.2584, 0.2485



23.7215, 0.2438, 0.2260



16.0313, 0.2777, 0.2419



6.1423, 0.2988, 0.3089



2.3078, 0.1532, 0.0713



0.0624, 0.1660, 0.1176

Previews

White Background



This preview shows how the Yxy color 28.2124, 0.3626, 0.3984 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 28.2124, 0.3626, 0.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

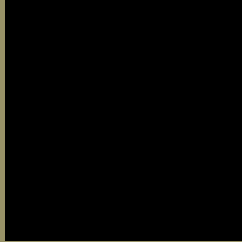
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2124, 0.3626, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 28.2124, 0.3626, 0.3984.



This preview shows how white text looks on a background with the Yxy color 28.2124, 0.3626, 0.3984.

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

28.2124, 0.3626, 0.3984

Protanopia

28.2780, 0.3687, 0.3974

Deuteranopia

28.2558, 0.3873, 0.3800



Tritanopia

28.2596, 0.3211, 0.3122

Trichromacy



Original Color

28.2124, 0.3626, 0.3984

Protanomaly

28.1787, 0.3675, 0.3977

Deuteranomaly

28.3448, 0.3786, 0.3875

Tritanomaly

28.1352, 0.3362, 0.3417

Monochromacy



Original Color

28.2124, 0.3626, 0.3984

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.6160, 0.3309, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2124, 0.3626, 0.3984 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(152, 146, 103)` looks like.

```
.text, #text, p{  
    color:rgb(152, 146, 103)  
}
```

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(152, 146, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 146, 103) }
```

Border

The CSS property to change the border of an element to Yxy 28.2124, 0.3626, 0.3984 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(152, 146, 103) }
```

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

```
.border{ border-color:rgb(152, 146, 103) }
```

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

Here you see how a box with a 4 pixel rgb(152, 146, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 146, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 146, 103);  
box-shadow:4px 4px 4px 4px rgb(152, 146,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2124, 0.3626, 0.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 146, 103) }
```

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

```
.background{ background-color: rgb(152,  
146, 103) }
```

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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