

Converting Colors

$Y_{xy}(28.7789, 0.3583, 0.3980)$

Have a look what the booklet for
Yxy(28.7789, 0.3583, 0.3980)
contains.

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Color

Yxy(28.7790, 0.3586, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	979469
RGB	151, 148, 105
RGB Percent	59%, 58%, 41%
CMY	0.4078, 0.4196, 0.5882
CMYK	0.00, 0.02, 0.30, 0.41
HSL	56°, 18%, 50%
HSV	56°, 30%, 59%
XYZ	25.9040, 28.7790, 17.5535
YIQ	143.9950, 15.5910, -12.7370

Conversions

Conversions Part 2

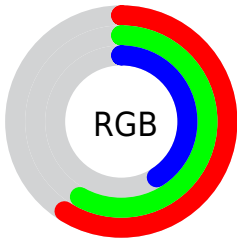
Format	Color
R_{YB}	108, 151, 105
Decimal	9933929
CIE _{Lab}	60.59, -5.94, 23.19
CIE _{LCh}	61, 23.942, 104.359
Yxy	28.7790, 0.3586, 0.3984
Android (android.graphics.Color)	4288124009 (0xFF979469)
YUV	143.9950, -19.2245, 6.1434
Hunter-Lab	53.6461, -7.6886, 18.1520

Details

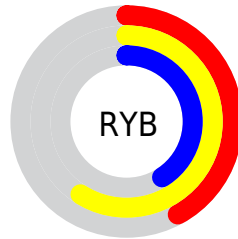
The Yxy color $28.7790, 0.3586, 0.3984$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.9658, 0.2612, 0.2486$, and the grayscale version is $27.9632, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.7972, 0.3494, 0.3834$, and $11.4974, 0.3733, 0.4225$ is the 20% darker color. If you saturate the color by 10%, you get $28.1878, 0.3738, 0.4207$, and if you desaturate by 10%, it is $29.4306, 0.3432, 0.3754$.

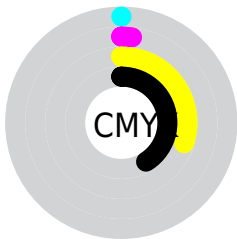
Distribution



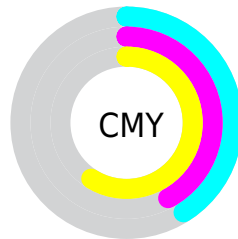
- Red (59%)
- Green (58%)
- Blue (41%)



- Red (42%)
- Yellow (59%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7790, 0.3586, 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 28.7790, 0.3586, 0.3984 by changing the saturation by 10% instead.

■ 28.7790, 0.3586,
0.3984

■ 28.7790, 0.3586,
0.3984

■ 296.1708, 0.3343,
0.3606

■ 18.9137, 0.3650,
0.4088

■ 57.7258, 0.3495,
0.3839

■ 11.6079, 0.3733,
0.4228

■ 77.5760, 0.3462,
0.3787

■ 6.4773, 0.3843,
0.4424

■ 101.5234, 0.3434,
0.3744

■ 3.1374, 0.3994,
0.4714

■ 129.9523, 0.3410,
0.3708

■ 1.2039, 0.4476,
0.5524

■ 163.2471, 0.3390,
0.3677

■ 0.0649, 0.0000,
1.0000

■ 201.7922, 0.3372,

■ 0.0000, 0.0000,

0.3650

0.0000

245.9719, 0.3357,
0.3627

■ 28.7790, 0.3586,
0.3984

■ 28.7790, 0.3586,
0.3984

■ 28.1878, 0.3738,
0.4207

■ 29.4306, 0.3432,
0.3754

■ 27.6502, 0.3881,
0.4414

■ 30.1414, 0.3280,
0.3524

■ 27.1643, 0.4011,
0.4597


■ 30.9152, 0.3134,
0.3300

■ 26.7265, 0.4122,
0.4746

■ 31.7544, 0.2996,
0.3087

■ 26.3328, 0.4209,
0.4856

■ 32.6614, 0.2867,
0.2887

 25.9786, 0.4270,
0.4923

 33.6381, 0.2748,
0.2701

 25.6663, 0.4310,
0.4959

 34.6867, 0.2640,
0.2530

 35.8092, 0.2542,
0.2374

 37.0073, 0.2453,
0.2232

Harmonies

Analogous

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



28.7790, 0.3845, 0.3817



28.7790, 0.3586, 0.3984



28.7790, 0.3213, 0.3951

Triad

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



28.7790, 0.3586, 0.3984



28.7790, 0.2406, 0.2969



28.7790, 0.3403, 0.2924

Complementary

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



28.7790, 0.3586, 0.3984



15.9658, 0.2612, 0.2486

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.



28.7790, 0.3002, 0.2723



28.7790, 0.3586, 0.3984



28.7790, 0.2447, 0.2732

Square

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



28.7790, 0.3586, 0.3984



28.7790, 0.2541, 0.3326



28.7790, 0.2658, 0.2651



28.7790, 0.3742, 0.3212

Rectangle

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



28.7790, 0.3586, 0.3984



28.7790, 0.2953, 0.3805



28.7790, 0.2658, 0.2651



28.7790, 0.3270, 0.2845

Sweetspot

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



28.7803, 0.3586, 0.3984



54.1409, 0.3261, 0.3495



17.7677, 0.3742, 0.3239



12.2644, 0.3281, 0.3525



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.



28.7803, 0.3586, 0.3984



50.7503, 0.3697, 0.4147



27.9889, 0.3355, 0.4084



7.1536, 0.3262, 0.3496



21.8467, 0.4310, 0.4960



0.3446, 0.4253, 0.5005

Inverse Universe

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



15.9658, 0.2612, 0.2486



23.8228, 0.2469, 0.2257



16.6931, 0.2837, 0.2481



6.0881, 0.2988, 0.3075



2.1003, 0.1516, 0.0656



0.0465, 0.1590, 0.0924

Previews

White Background



This preview shows how the Yxy color 28.7790, 0.3586, 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 28.7790, 0.3586, 0.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

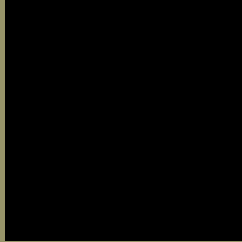
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

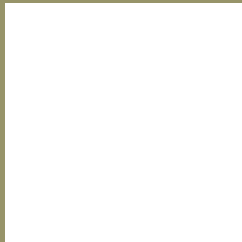
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.7790, 0.3586, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 28.7790, 0.3586, 0.3984.



This preview shows how white text looks on a background with the Yxy color 28.7790, 0.3586, 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

28.7790, 0.3586, 0.3984

Protanopia

28.7253, 0.3673, 0.3954

Deuteranopia

28.7019, 0.3857, 0.3783



Tritanopia

28.8140, 0.3178, 0.3122

Trichromacy



Original Color

28.7790, 0.3586, 0.3984

Protanomaly

28.8355, 0.3646, 0.3974

Deuteranomaly

28.6849, 0.3759, 0.3859

Tritanomaly

28.6927, 0.3326, 0.3416

Monochromacy



Original Color

28.7790, 0.3586, 0.3984

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0655, 0.3298, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7790, 0.3586, 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(151, 148, 105)` looks like.

```
.text, #text, p{  
    color:rgb(151, 148, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 148, 105) }
```

Border

The CSS property to change the border of an element to Yxy 28.7790, 0.3586, 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(151, 148, 105) }
```

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

```
.border{ border-color:rgb(151, 148, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 148, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 148, 105);  
box-shadow:4px 4px 4px 4px rgb(151, 148,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7790, 0.3586, 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(151, 148, 105) }
```

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

```
.background{ background-color: rgb(151,  
148, 105) }
```

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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