

Converting Colors

$Yxy(28.5797, 0.3720, 0.3438)$

Have a look what the booklet for
Yxy(28.5797, 0.3720, 0.3438)
contains.

Yxy(28.5797, 0.3720, 0.3438)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.5797, 0.3720, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	B2887E
RGB	178, 136, 126
RGB Percent	70%, 53%, 49%
CMY	0.3021, 0.4666, 0.5059
CMYK	0.00, 0.24, 0.29, 0.30
HSL	12°, 25%, 60%
HSV	12°, 29%, 70%
XYZ	30.9239, 28.5797, 23.6252
YIQ	147.4180, 28.2420, 5.7940

Conversions

Conversions Part 2

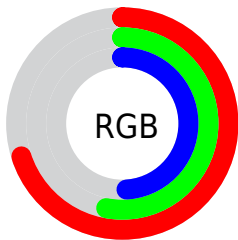
Format	Color
R_{YB}	178, 138, 126
Decimal	11700350
CIE _{Lab}	60.41, 14.54, 11.56
CIE _{LCh}	60, 18.577, 38.477
Yxy	28.5797, 0.3720, 0.3438
Android (android.graphics.Color)	4289890430 (0xFFB2887E)
YUV	147.4180, -10.5591, 26.8204
Hunter-Lab	53.4600, 9.6984, 11.2203

Details

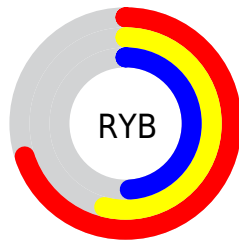
The Yxy color $28.5797, 0.3720, 0.3438$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.6334, 0.2696, 0.3136$, and the grayscale version is $29.3954, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.3120, 0.3598, 0.3403$, and $11.4765, 0.3932, 0.3477$ is the 20% darker color. If you saturate the color by 10%, you get $24.3823, 0.4007, 0.3491$, and if you desaturate by 10%, it is $33.4039, 0.3480, 0.3385$.

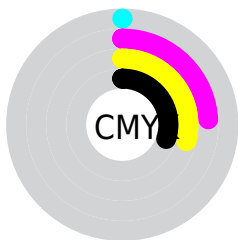
Distribution



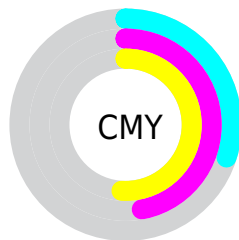
- Red (70%)
- Green (53%)
- Blue (49%)



- Red (70%)
- Yellow (54%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (30%)




- Cyan (30%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5797, 0.3720, 0.3438 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 28.5797, 0.3720, 0.3438 by changing the saturation by 10% instead.

 28.5797, 0.3720,
0.3438


 28.5797, 0.3720,
0.3438


295.2267, 0.3397,
0.3365

 18.7631, 0.3811,
0.3455


 57.4086, 0.3595,
0.3412

 11.4992, 0.3934,
0.3477


 77.1898, 0.3551,
0.3402

 6.4037, 0.4109,
0.3503


 101.0612, 0.3514,
0.3393

 3.0921, 0.4380,
0.3532

129.4073, 0.3483,
0.3386

 1.1800, 0.4972,
0.3647

162.6125, 0.3457,
0.3380

 0.0453, 0.8979,
0.1021

201.0612, 0.3434,

 0.0000, 0.0000,

0.3374

0.0000

245.1378, 0.3414,
0.3369

■ 28.5797, 0.3720,
0.3438

■ 28.5797, 0.3720,
0.3438

■ 24.3823, 0.4007,
0.3491

■ 33.4039, 0.3480,
0.3385

■ 20.7818, 0.4343,
0.3539

■ 38.8751, 0.3280,
0.3334

■ 17.7521, 0.4725,
0.3577

■ 45.0175, 0.3115,
0.3286

■ 15.2635, 0.5135,
0.3595

■ 51.8530, 0.2978,
0.3243


■ 13.2832, 0.5542,
0.3585

■ 59.4023, 0.2865,
0.3203

 11.7752, 0.5897,
0.3542

 67.6854, 0.2770,
0.3166

 10.6934, 0.6166,
0.3475

 76.7215, 0.2690,
0.3134

 10.6227, 0.6186,
0.3471

 85.6375, 0.2686,
0.3245

 88.2007, 0.2691,
0.3289

Harmonies

Analogous

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



28.5797, 0.3561, 0.3184



28.5797, 0.3720, 0.3438



28.5797, 0.3709, 0.3670

Triad

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



28.5797, 0.3720, 0.3438



28.5797, 0.2954, 0.3654



28.5797, 0.2718, 0.2789

Complementary

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



28.5797, 0.3720, 0.3438



35.6334, 0.2696, 0.3136

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.



28.5797, 0.2574, 0.2883



28.5797, 0.3720, 0.3438



28.5797, 0.2705, 0.3380

Square

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



28.5797, 0.3720, 0.3438



28.5797, 0.3258, 0.3816



28.5797, 0.2569, 0.3095



28.5797, 0.2974, 0.2821

Rectangle

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



28.5797, 0.3720, 0.3438



28.5797, 0.3610, 0.3781



28.5797, 0.2569, 0.3095



28.5797, 0.2655, 0.2806

Sweetspot

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



28.5810, 0.3720, 0.3438



70.5745, 0.3279, 0.3334



27.2261, 0.3262, 0.2698



15.3017, 0.3306, 0.3341



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.



28.5810, 0.3720, 0.3438



46.8449, 0.3898, 0.3472



36.6350, 0.3620, 0.3794



8.7617, 0.3282, 0.3335



7.6758, 0.6168, 0.3484



0.3198, 0.5666, 0.3883

Inverse Universe

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



35.6334, 0.2696, 0.3136



61.7043, 0.2608, 0.3097



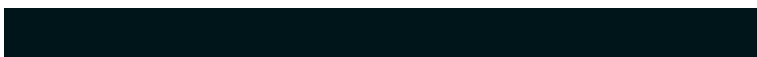
27.1305, 0.2652, 0.2728



9.3475, 0.2986, 0.3245



16.5901, 0.2075, 0.2670



0.5935, 0.2128, 0.2861

Previews

White Background



This preview shows how the Yxy color 28.5797, 0.3720, 0.3438 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 28.5797, 0.3720, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

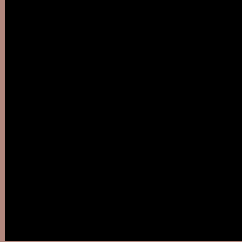
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5797, 0.3720, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 28.5797, 0.3720, 0.3438.



This preview shows how white text looks on a background with the Yxy color 28.5797, 0.3720, 0.3438.

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

28.5797, 0.3720, 0.3438

Protanopia

28.5649, 0.3342, 0.3514

Deuteranopia

28.4523, 0.3590, 0.3520



Tritanopia

28.4920, 0.3546, 0.3134

Trichromacy



Original Color

28.5797, 0.3720, 0.3438

Protanomaly

28.5080, 0.3471, 0.3493

Deuteranomaly

28.6038, 0.3639, 0.3502

Tritanomaly

28.4400, 0.3612, 0.3248

Monochromacy



Original Color

28.5797, 0.3720, 0.3438

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.7781, 0.3330, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5797, 0.3720, 0.3438 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(178, 136, 126)` looks like.

```
.text, #text, p{  
    color:rgb(178, 136, 126)  
}
```

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(178, 136, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 136, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.5797, 0.3720, 0.3438 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(178, 136, 126) }
```

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

```
.border{ border-color:rgb(178, 136, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 136, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 136, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 136, 126);  
box-shadow:4px 4px 4px 4px rgb(178, 136,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5797, 0.3720, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 136, 126) }
```

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

```
.background{ background-color: rgb(178,  
136, 126) }
```

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