

Converting Colors

$Y_{xy}(30.8095, 0.3747, 0.3546)$

Have a look what the booklet for
Yxy(30.8095, 0.3747, 0.3546)
contains.

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Color

Yxy(30.6504, 0.3741, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	B58E7D
RGB	181, 142, 125
RGB Percent	71%, 56%, 49%
CMY	0.2903, 0.4431, 0.5099
CMYK	0.00, 0.22, 0.31, 0.29
HSL	18°, 27%, 60%
HSV	18°, 31%, 71%
XYZ	32.4274, 30.6504, 23.6032
YIQ	151.7230, 28.7010, 2.9810

Conversions

Conversions Part 2

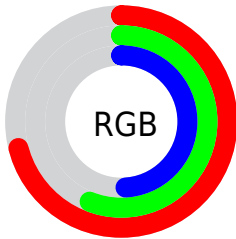
Format	Color
R_{YB}	181, 149, 125
Decimal	11898493
CIE _{Lab}	62.21, 12.26, 14.70
CIE _{LCh}	62, 19.144, 50.181
Yxy	30.6504, 0.3741, 0.3536
Android (android.graphics.Color)	4290088573 (0xFFB58E7D)
YUV	151.7230, -13.1744, 25.6759
Hunter-Lab	55.3628, 7.6669, 13.4764

Details

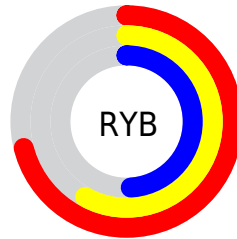
The Yxy color **30.6504, 0.3741, 0.3536** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **34.2303, 0.2660, 0.3029**, and the grayscale version is **31.3222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8714, 0.3613, 0.3489**, and **12.6881, 0.3953, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **26.6916, 0.4013, 0.3618**, and if you desaturate by 10%, it is **35.1199, 0.3507, 0.3453**.

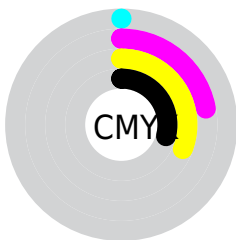
Distribution



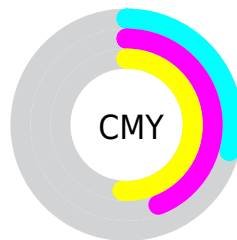
- Red (71%)
- Green (56%)
- Blue (49%)



- Red (71%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (29%)



- Cyan (29%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6504, 0.3741, 0.3536 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 30.6504, 0.3741, 0.3536 by changing the saturation by 10% instead.

 30.6504, 0.3741,
0.3536


 30.6504, 0.3741,
0.3536


304.9245, 0.3410,
0.3412

 20.3328, 0.3832,
0.3567


 60.6892, 0.3615,
0.3491

 12.6372, 0.3954,
0.3605


 81.1792, 0.3569,
0.3474

 7.1792, 0.4126,
0.3655

 105.8288, 0.3531,
0.3460

 3.5744, 0.4384,
0.3718

135.0224, 0.3499,
0.3447

 1.4385, 0.4921,
0.3881

169.1444, 0.3472,
0.3437

 0.2448, 0.6848,
0.3152

208.5791, 0.3449,

 0.0000, 0.0000,

0.3427

0.0000

253.7110, 0.3428,
0.3419

■ 30.6504, 0.3741,
0.3536

■ 30.6504, 0.3741,
0.3536

■ 26.6916, 0.4013,
0.3618

■ 35.1199, 0.3507,
0.3453

■ 23.2206, 0.4325,
0.3694

■ 40.1135, 0.3309,
0.3373

■ 20.2190, 0.4670,
0.3754


■ 45.6493, 0.3142,
0.3297

■ 17.6656, 0.5035,
0.3788


■ 51.7432, 0.3000,
0.3227


■ 15.5373, 0.5393,
0.3783

■ 58.4106, 0.2881,
0.3162

 13.8085, 0.5711,
0.3733

 65.6661, 0.2780,
0.3104

 12.5573, 0.5949,
0.3658

 73.5239, 0.2693,
0.3050

 81.0094, 0.2691,
0.3156

 88.5621, 0.2706,
0.3289

Harmonies

Analogous

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



30.6504, 0.3645, 0.3282



30.6504, 0.3741, 0.3536



30.6504, 0.3663, 0.3744

Triad

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



30.6504, 0.3741, 0.3536



30.6504, 0.2844, 0.3557



30.6504, 0.2805, 0.2784

Complementary

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



30.6504, 0.3741, 0.3536



34.2303, 0.2660, 0.3029

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.



30.6504, 0.2611, 0.2828



30.6504, 0.3741, 0.3536



30.6504, 0.2633, 0.3265

Square

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



30.6504, 0.3741, 0.3536



30.6504, 0.3138, 0.3774



30.6504, 0.2550, 0.2998



30.6504, 0.3092, 0.2862

Rectangle

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



30.6504, 0.3741, 0.3536



30.6504, 0.3526, 0.3824



30.6504, 0.2550, 0.2998



30.6504, 0.2727, 0.2784

Sweetspot

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



30.6518, 0.3741, 0.3536



73.5600, 0.3277, 0.3359



27.1722, 0.3344, 0.2745



15.6031, 0.3303, 0.3370



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.



30.6518, 0.3741, 0.3536



50.0718, 0.3918, 0.3591



39.9714, 0.3628, 0.3910



8.9127, 0.3280, 0.3360



8.7673, 0.5927, 0.3676



0.3814, 0.5371, 0.4117

Inverse Universe

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



34.2303, 0.2660, 0.3029



57.4649, 0.2564, 0.2963



25.3546, 0.2609, 0.2581



9.1867, 0.2986, 0.3219



12.7070, 0.1967, 0.2282



0.4968, 0.2055, 0.2597

Previews

White Background



This preview shows how the Yxy color 30.6504, 0.3741, 0.3536 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.6504, 0.3741, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

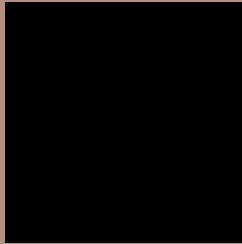
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6504, 0.3741, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 30.6504, 0.3741, 0.3536.



This preview shows how white text looks on a background with the Yxy color 30.6504, 0.3741, 0.3536.

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

30.6504, 0.3741, 0.3536

Protanopia

30.6668, 0.3416, 0.3616

Deuteranopia

30.7047, 0.3661, 0.3601



Tritanopia

30.8255, 0.3519, 0.3151

Trichromacy



Original Color

30.6504, 0.3741, 0.3536

Protanomaly

30.5329, 0.3523, 0.3579

Deuteranomaly

30.7489, 0.3699, 0.3583

Tritanomaly

30.7169, 0.3605, 0.3291

Monochromacy



Original Color

30.6504, 0.3741, 0.3536

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9193, 0.3344, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6504, 0.3741, 0.3536 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(181, 142, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 142, 125)  
}
```

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(181, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 142, 125) }
```

Border

The CSS property to change the border of an element to Yxy 30.6504, 0.3741, 0.3536 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(181, 142, 125) }
```

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

```
.border{ border-color:rgb(181, 142, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(181, 142,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6504, 0.3741, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 142, 125) }
```

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

```
.background{ background-color: rgb(181,  
142, 125) }
```

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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