

Converting Colors

$Y_{xy}(25.6133, 0.4299, 0.3619)$

Have a look what the booklet for
Yxy(25.6133, 0.4299, 0.3619)
contains.

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Color

Yxy(25.6142, 0.4309, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	BF7961
RGB	191, 121, 97
RGB Percent	75%, 47%, 38%
CMY	0.2510, 0.5255, 0.6197
CMYK	0.00, 0.37, 0.49, 0.25
HSL	15°, 42%, 56%
HSV	15°, 49%, 75%
XYZ	30.4810, 25.6142, 14.6427
YIQ	139.1940, 49.4240, 7.3760

Conversions

Conversions Part 2

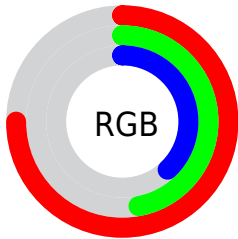
Format	Color
R _Y B	191, 129, 97
Decimal	12548449
CIE Lab	57.67, 24.70, 24.55
CIE LCh	58, 34.826, 44.820
Yxy	25.6142, 0.4309, 0.3621
Android (android.graphics.Color)	4290738529 (0xFFBF7961)
YUV	139.1940, -20.8016, 45.4339
Hunter-Lab	50.6105, 18.9362, 18.2734

Details

The Yxy color **25.6142, 0.4309, 0.3621** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.9336, 0.2417, 0.2914**, and the grayscale version is **25.9652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7342, 0.4057, 0.3571**, and **9.8051, 0.4740, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **22.0956, 0.4670, 0.3673**, and if you desaturate by 10%, it is **29.7306, 0.3988, 0.3556**.

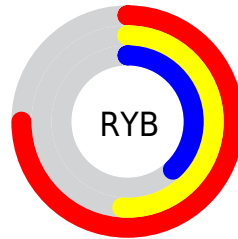
Distribution



Red (75%)

Green (47%)

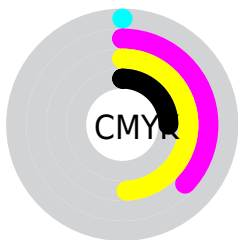
Blue (38%)



Red (75%)

Yellow (51%)

Blue (38%)

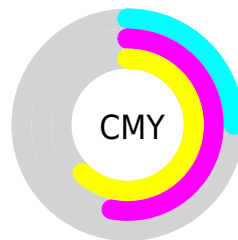


Cyan (0%)

Magenta (37%)

Yellow (49%)

Black (25%)



Cyan (25%)


Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6142, 0.4309, 0.3621 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 25.6142, 0.4309, 0.3621 by changing the saturation by 10% instead.


 25.6142, 0.4309,
0.3621


 25.6142, 0.4309,
0.3621


280.8830, 0.3656,
0.3469


 16.5352, 0.4492,
0.3649


 52.6519, 0.4057,
0.3572


 9.9037, 0.4737,
0.3676


 71.3794, 0.3967,
0.3551

 5.3351, 0.5079,
0.3691

 94.0919, 0.3892,
0.3533

 2.4452, 0.5657,
0.3714

 121.1738, 0.3830,
0.3517

 0.8490, 0.6457,
0.3543

153.0095, 0.3776,
0.3503

 0.0000, 1.0000,
0.0000


189.9833, 0.3731,

 0.0000, 0.0000,


0.3490

0.0000

232.4797, 0.3691,
0.3479


 25.6142, 0.4309,
0.3621


 25.6142, 0.4309,
0.3621


 22.0956, 0.4670,
0.3673


 29.7306, 0.3988,
0.3556

 19.1426, 0.5056,
0.3702


 34.4675, 0.3711,
0.3486

 16.7255, 0.5439,
0.3696


 39.8511, 0.3477,
0.3416


 14.8100, 0.5781,
0.3650


 45.9047, 0.3280,
0.3348


 13.3529, 0.6049,
0.3569

 52.6507, 0.3115,
0.3285

 13.2566, 0.6069,
0.3563

 60.1101, 0.2978,
0.3227

 68.3035, 0.2862,
0.3174

 77.2501, 0.2765,
0.3125

 86.0418, 0.2751,
0.3225

Harmonies

Analogous

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



25.6142, 0.4068, 0.3163



25.6142, 0.4309, 0.3621



25.6142, 0.4193, 0.4052

Triad

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



25.6142, 0.4309, 0.3621



25.6142, 0.2664, 0.3921



25.6142, 0.2437, 0.2360

Complementary

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



25.6142, 0.4309, 0.3621



33.9336, 0.2417, 0.2914

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.



25.6142, 0.2138, 0.2455



25.6142, 0.4309, 0.3621



25.6142, 0.2253, 0.3318

Square

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



25.6142, 0.4309, 0.3621



25.6142, 0.3224, 0.4318



25.6142, 0.2073, 0.2781



25.6142, 0.2939, 0.2473

Rectangle

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



25.6142, 0.4309, 0.3621



25.6142, 0.3946, 0.4269



25.6142, 0.2073, 0.2781



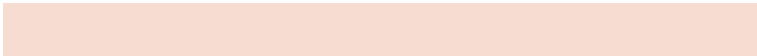
25.6142, 0.2313, 0.2367

Sweetspot

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



25.6155, 0.4309, 0.3621



75.5463, 0.3394, 0.3389



22.4319, 0.3465, 0.2371



16.0931, 0.3438, 0.3403



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.6155, 0.4309, 0.3621



39.1634, 0.4697, 0.3676



39.7601, 0.3982, 0.4216



9.9220, 0.3282, 0.3349



8.8234, 0.6045, 0.3582



0.4548, 0.5562, 0.3966

Inverse Universe

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



33.9336, 0.2417, 0.2914



55.6534, 0.2293, 0.2816



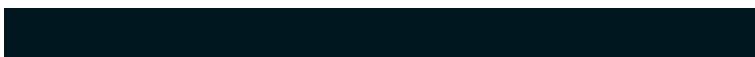
19.8532, 0.2270, 0.2135



10.3856, 0.2985, 0.3230



15.3603, 0.2014, 0.2451



0.7010, 0.2076, 0.2675

Previews

White Background



This preview shows how the Yxy color 25.6142, 0.4309, 0.3621 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 25.6142, 0.4309, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

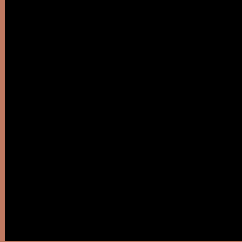
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6142, 0.4309, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 25.6142, 0.4309, 0.3621.



This preview shows how white text looks on a background with the Yxy color 25.6142, 0.4309, 0.3621.

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

25.6142, 0.4309, 0.3621

Protanopia

25.8747, 0.3601, 0.3854

Deuteranopia

25.7083, 0.3949, 0.3878



Tritanopia

25.5664, 0.3982, 0.3169

Trichromacy



Original Color

25.6142, 0.4309, 0.3621

Protanomaly

25.3544, 0.3851, 0.3761

Deuteranomaly

25.6590, 0.4073, 0.3781

Tritanomaly

25.4011, 0.4110, 0.3334

Monochromacy



Original Color

25.6142, 0.4309, 0.3621

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2269, 0.3522, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6142, 0.4309, 0.3621 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(191, 121, 97)` looks like.

```
.text, #text, p{  
    color:rgb(191, 121, 97)  
}
```

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(191, 121, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 121, 97) }
```

Border

The CSS property to change the border of an element to Yxy 25.6142, 0.4309, 0.3621 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(191, 121, 97) }
```

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

```
.border{ border-color:rgb(191, 121, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 121, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 121, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 121, 97);  
box-shadow:4px 4px 4px 4px rgb(191, 121,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6142, 0.4309, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 121, 97) }
```

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

```
.background{ background-color: rgb(191,  
121, 97) }
```

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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