

Converting Colors

$Y_{xy}(11.4142, 0.4021, 0.3647)$

Have a look what the booklet for
Yxy(11.4142, 0.4021, 0.3647)
contains.

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Color

Yxy(11.3962, 0.4010, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	7A5746
RGB	122, 87, 70
RGB Percent	48%, 34%, 27%
CMY	0.5216, 0.6588, 0.7255
CMYK	0.00, 0.29, 0.43, 0.52
HSL	20°, 27%, 38%
HSV	20°, 43%, 48%
XYZ	12.5374, 11.3962, 7.3317
YIQ	95.5270, 26.3170, 2.1330

Conversions

Conversions Part 2

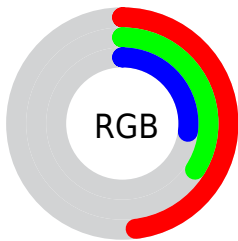
Format	Color
R_{YB}	122, 95, 70
Decimal	8017734
CIE Lab	40.24, 12.11, 15.60
CIE LCh	40, 19.747, 52.179
Yxy	11.3962, 0.4010, 0.3645
Android (android.graphics.Color)	4286207814 (0xFF7A5746)
YUV	95.5270, -12.5848, 23.2168
Hunter-Lab	33.7583, 7.2157, 10.7540

Details

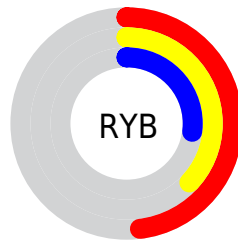
The Yxy color **11.3962, 0.4010, 0.3645** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.8010, 0.2509, 0.2898**, and the grayscale version is **11.6031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4294, 0.3784, 0.3572**, and **3.0001, 0.4503, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **10.0040, 0.4304, 0.3724**, and if you desaturate by 10%, it is **12.9718, 0.3750, 0.3560**.

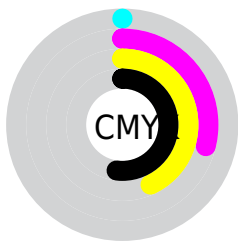
Distribution



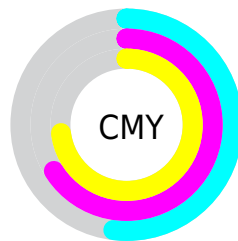
- Red (48%)
- Green (34%)
- Blue (27%)



- Red (48%)
- Yellow (37%)
- Blue (27%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (52%)




- Cyan (52%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3962, 0.4010, 0.3645 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 11.3962, 0.4010, 0.3645 by changing the saturation by 10% instead.


 11.3962, 0.4010,
0.3645

 11.3962, 0.4010,
0.3645


200.3659, 0.3464,
0.3442


 6.3340, 0.4200,
0.3702


 28.3905, 0.3777,
0.3565

 3.0492, 0.4489,
0.3775

 41.0914, 0.3701,
0.3537


 1.1575, 0.5343,
0.4143

 57.1073, 0.3641,
0.3514

 0.0266, 0.9235,
0.0765

 76.8226, 0.3592,
0.3495

 0.0000, 0.0000,
0.0000

 100.6218, 0.3552,
0.3478

128.8891, 0.3518,

0.3464

162.0090, 0.3489,
0.3452

■ 11.3962, 0.4010,
0.3645

■ 11.3962, 0.4010,
0.3645

■ 10.0040, 0.4304,
0.3724

■ 12.9718, 0.3750,
0.3560

■ 8.7866, 0.4629,
0.3788

■ 14.7358, 0.3525,
0.3473

■ 7.7372, 0.4970,
0.3827

■ 16.6949, 0.3331,
0.3389

■ 6.8477, 0.5308,
0.3830

■ 18.8549, 0.3166,
0.3310

■ 6.1092, 0.5614,
0.3790

■ 21.2215, 0.3026,
0.3236

■ 5.6495, 0.5831,
0.3752

■ 23.8002, 0.2906,
0.3168

■ 26.5961, 0.2803,
0.3105

■ 29.6143, 0.2716,
0.3048

■ 32.8597, 0.2640,
0.2996

Harmonies

Analogous

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



11.3962, 0.3890, 0.3291



11.3962, 0.4010, 0.3645



11.3962, 0.3874, 0.3943

Triad

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



11.3962, 0.4010, 0.3645



11.3962, 0.2696, 0.3651



11.3962, 0.2690, 0.2585

Complementary

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



11.3962, 0.4010, 0.3645



12.8010, 0.2509, 0.2898

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.



11.3962, 0.2413, 0.2625



11.3962, 0.4010, 0.3645



11.3962, 0.2415, 0.3214

Square

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



11.3962, 0.4010, 0.3645



11.3962, 0.3104, 0.3987



11.3962, 0.2316, 0.2842



11.3962, 0.3101, 0.2706

Rectangle

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



11.3962, 0.4010, 0.3645



11.3962, 0.3665, 0.4062



11.3962, 0.2316, 0.2842



11.3962, 0.2580, 0.2579

Sweetspot

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



11.3967, 0.4010, 0.3645



29.1315, 0.3344, 0.3395



9.5459, 0.3456, 0.2579



6.5111, 0.3377, 0.3410



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.3967, 0.4010, 0.3645



17.6960, 0.4292, 0.3721



16.2658, 0.3802, 0.4130



4.2096, 0.3270, 0.3361



5.9359, 0.5835, 0.3749



26.9137, 0.5926, 0.3677

Inverse Universe

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



12.8010, 0.2509, 0.2898



20.4907, 0.2383, 0.2791



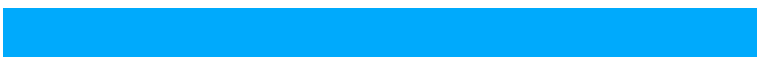
8.3741, 0.2411, 0.2276



4.3017, 0.2994, 0.3218



7.8261, 0.1950, 0.2221



35.7288, 0.1934, 0.2160

Previews

White Background



This preview shows how the Yxy color 11.3962, 0.4010, 0.3645 looks on a white 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

Black Background



This preview shows how the Yxy color 11.3962, 0.4010, 0.3645 looks on a black 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

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

Yxy 11.3962, 0.4010, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 11.3962, 0.4010, 0.3645.



This preview shows how white text looks on a background with the Yxy color 11.3962, 0.4010, 0.3645.

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

11.3962, 0.4010, 0.3645

Protanopia

11.4455, 0.3534, 0.3782

Deuteranopia

11.4226, 0.3841, 0.3774



Tritanopia

11.3811, 0.3700, 0.3149

Trichromacy



Original Color

11.3962, 0.4010, 0.3645

Protanomaly

11.3865, 0.3701, 0.3718

Deuteranomaly

11.4550, 0.3900, 0.3743

Tritanomaly

11.3325, 0.3817, 0.3333

Monochromacy



Original Color

11.3962, 0.4010, 0.3645

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.5201, 0.3409, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3962, 0.4010, 0.3645 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(122, 87, 70)` looks like.

```
.text, #text, p{  
    color:rgb(122, 87, 70)  
}
```

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(122, 87, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 87, 70) }
```

Border

The CSS property to change the border of an element to Yxy 11.3962, 0.4010, 0.3645 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(122, 87, 70) }
```

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

```
.border{ border-color:rgb(122, 87, 70) }
```

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

Here you see how a box with a 4 pixel rgb(122, 87, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 87, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 87, 70);  
box-shadow:4px 4px 4px 4px rgb(122, 87,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3962, 0.4010, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 87, 70) }
```

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

```
.background{ background-color: rgb(122, 87,  
70) }
```

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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