

Converting Colors

$Y_{xy}(11.8645, 0.3528, 0.3272)$

Have a look what the booklet for
Yxy(11.8645, 0.3528, 0.3272)
contains.

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Color

Yxy(11.7807, 0.3538, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	745A5B
RGB	116, 90, 91
RGB Percent	45%, 35%, 36%
CMY	0.5451, 0.6470, 0.6431
CMYK	0.00, 0.22, 0.22, 0.55
HSL	358°, 13%, 40%
HSV	358°, 22%, 45%
XYZ	12.7462, 11.7807, 11.4997
YIQ	97.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

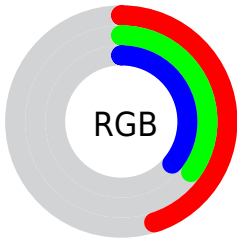
Format	Color
R _Y B	116, 90, 91
Decimal	7625307
CIE Lab	40.87, 10.82, 3.51
CIE LCh	41, 11.372, 17.957
Yxy	11.7807, 0.3538, 0.3270
Android (android.graphics.Color)	4285815387 (0xFF745A5B)
YUV	97.8880, -3.3958, 15.8842
Hunter-Lab	34.3230, 6.2225, 4.1614

Details

The Yxy color **11.7807, 0.3538, 0.3270** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9008, 0.2822, 0.3311**, and the grayscale version is **12.1908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0041, 0.3426, 0.3276**, and **3.1841, 0.3774, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **9.7962, 0.3794, 0.3261**, and if you desaturate by 10%, it is **14.1003, 0.3330, 0.3279**.

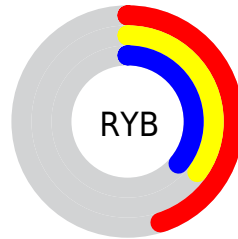
Distribution



Red (45%)

Green (35%)

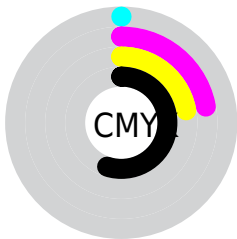
Blue (36%)



Red (45%)

Yellow (35%)

Blue (36%)

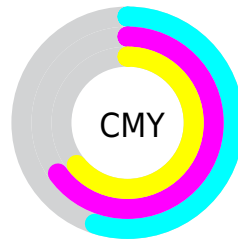


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (55%)



Cyan (55%)


Magenta (65%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7807, 0.3538, 0.3270 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 11.7807, 0.3538, 0.3270 by changing the saturation by 10% instead.


 11.7807, 0.3538,
0.3270


 11.7807, 0.3538,
0.3270


202.9480, 0.3285,
0.3285


 6.5945, 0.3627,
0.3263


 29.0951, 0.3430,
0.3277


 3.2098, 0.3764,
0.3250

 41.9920, 0.3395,
0.3279

 1.2422, 0.4005,
0.3223

 58.2281, 0.3367,
0.3281

 0.0958, 0.7875,
0.2125

 78.1876, 0.3344,
0.3282

 0.0000, 0.0000,
0.0000

 102.2549, 0.3326,
0.3283

130.8145, 0.3310,

0.3284

164.2508, 0.3297,
0.3284

■ 11.7807, 0.3538,
0.3270

■ 11.7807, 0.3538,
0.3270

■ 9.7962, 0.3794,
0.3261

■ 14.1003, 0.3330,
0.3279

■ 8.1298, 0.4105,
0.3252

■ 16.7678, 0.3162,
0.3288

■ 6.7655, 0.4475,
0.3245


■ 19.7972, 0.3027,
0.3296


■ 5.6852, 0.4896,
0.3241


■ 23.2015, 0.2916,
0.3304

■ 4.8687, 0.5344,
0.3242


■ 26.9927, 0.2826,
0.3310


 4.2937, 0.5770,
0.3250

 31.1826, 0.2751,
0.3316

 3.9326, 0.6115,
0.3263

 35.7822, 0.2690,
0.3322

 3.7222, 0.6331,
0.3261

 40.8024, 0.2638,
0.3327

 46.2534, 0.2595,
0.3332

Harmonies

Analogous

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



11.7807, 0.3335, 0.3072



11.7807, 0.3538, 0.3270



11.7807, 0.3627, 0.3481

Triad

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



11.7807, 0.3538, 0.3270



11.7807, 0.3157, 0.3690



11.7807, 0.2694, 0.2919

Complementary

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



11.7807, 0.3538, 0.3270



15.9008, 0.2822, 0.3311

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.



11.7807, 0.2652, 0.3068



11.7807, 0.3538, 0.3270



11.7807, 0.2913, 0.3523

Square

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



11.7807, 0.3538, 0.3270



11.7807, 0.3400, 0.3736



11.7807, 0.2731, 0.3290



11.7807, 0.2848, 0.2872

Rectangle

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



11.7807, 0.3538, 0.3270



11.7807, 0.3607, 0.3604



11.7807, 0.2731, 0.3290



11.7807, 0.2667, 0.2958

Sweetspot

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



11.7812, 0.3538, 0.3270



27.1621, 0.3238, 0.3284



12.1983, 0.3132, 0.2761



6.4351, 0.3245, 0.3284



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



11.7812, 0.3538, 0.3270



18.7979, 0.3666, 0.3265



13.8947, 0.3504, 0.3536



3.7029, 0.3270, 0.3282



4.1771, 0.6335, 0.3264



20.3265, 0.6373, 0.3284

Inverse Universe

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



11.7812, 0.3538, 0.3270



18.7979, 0.3666, 0.3265



13.3956, 0.2794, 0.3031



3.7029, 0.3270, 0.3282



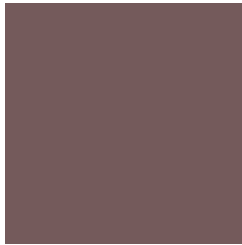
4.1771, 0.6335, 0.3264



20.3265, 0.6373, 0.3284

Previews

White Background



This preview shows how the Yxy color 11.7807, 0.3538, 0.3270 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 11.7807, 0.3538, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

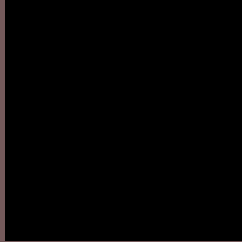
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7807, 0.3538, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 11.7807, 0.3538, 0.3270.



This preview shows how white text looks on a background with the Yxy color 11.7807, 0.3538, 0.3270.

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

11.7807, 0.3538, 0.3270

Protanopia

11.8265, 0.3201, 0.3336

Deuteranopia

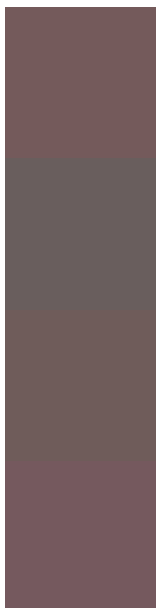
11.7550, 0.3411, 0.3357



Tritanopia

11.7712, 0.3477, 0.3144

Trichromacy



Original Color

11.7807, 0.3538, 0.3270

Protanomaly

11.7990, 0.3314, 0.3313

Deuteranomaly

11.7720, 0.3464, 0.3335

Tritanomaly

11.7348, 0.3510, 0.3186

Monochromacy



Original Color

11.7807, 0.3538, 0.3270

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.0139, 0.3282, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7807, 0.3538, 0.3270 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(116, 90, 91)` looks like.

```
.text, #text, p{  
    color:rgb(116, 90, 91)  
}
```

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(116, 90, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 90, 91) }
```

Border

The CSS property to change the border of an element to Yxy 11.7807, 0.3538, 0.3270 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(116, 90, 91) }
```

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

```
.border{ border-color:rgb(116, 90, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 90, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 90, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 90, 91);  
box-shadow:4px 4px 4px 4px rgb(116, 90,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7807, 0.3538, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 90, 91) }
```

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

```
.background{ background-color: rgb(116, 90,  
91) }
```

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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