

Converting Colors

$Y_{xy}(15.5790, 0.3481, 0.3570)$

Have a look what the booklet for
Yxy(15.5790, 0.3481, 0.3570)
contains.

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Color

Yxy(15.5263, 0.3482, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	786C5E
RGB	120, 108, 94
RGB Percent	47%, 42%, 37%
CMY	0.5295, 0.5764, 0.6314
CMYK	0.00, 0.10, 0.22, 0.53
HSL	32°, 12%, 42%
HSV	32°, 22%, 47%
XYZ	15.1266, 15.5263, 12.7894
YIQ	109.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

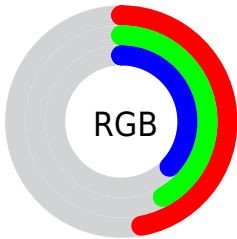
Format	Color
R_{YB}	116, 120, 94
Decimal	7892062
CIE Lab	46.35, 2.22, 9.55
CIE LCh	46, 9.802, 76.889
Yxy	15.5263, 0.3482, 0.3574
Android (android.graphics.Color)	4286082142 (0xFF786C5E)
YUV	109.9920, -7.8841, 8.7770
Hunter-Lab	39.4034, -0.4314, 8.3383

Details

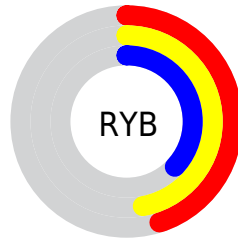
The Yxy color **15.5263, 0.3482, 0.3574** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0377, 0.2801, 0.2988**, and the grayscale version is **15.6107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6941, 0.3405, 0.3506**, and **4.8905, 0.3643, 0.3711** is the 20% darker color. If you saturate the color by 10%, you get **14.1985, 0.3677, 0.3712**, and if you desaturate by 10%, it is **16.9630, 0.3307, 0.3439**.

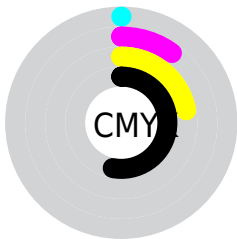
Distribution



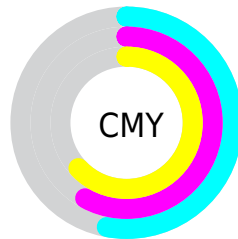
- Red (47%)
- Green (42%)
- Blue (37%)



- Red (45%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (53%)





- Cyan (53%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5263, 0.3482, 0.3574 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 15.5263, 0.3482, 0.3574 by changing the saturation by 10% instead.


 15.5263, 0.3482,
0.3574


 15.5263, 0.3482,
0.3574


226.5300, 0.3272,
0.3408


 9.1896, 0.3550,
0.3627


 35.7739, 0.3396,
0.3506


 4.8650, 0.3649,
0.3703

 50.4535, 0.3366,
0.3483

 2.1683, 0.3809,
0.3822

 68.6829, 0.3343,
0.3465

 0.7026, 0.4743,
0.4615

 90.8464, 0.3324,
0.3449

 0.0000, 0.0000,
0.0000

117.3285, 0.3308,
0.3436

148.5136, 0.3294,

0.3425

184.7859, 0.3282,
0.3416

■ 15.5263, 0.3482,
0.3574

■ 15.5263, 0.3482,
0.3574

■ 14.1985, 0.3677,
0.3712

■ 16.9630, 0.3307,
0.3439

■ 12.9745, 0.3893,
0.3850

■ 18.5092, 0.3151,
0.3311

■ 11.8521, 0.4125,
0.3980

■ 20.1683, 0.3014,
0.3190

■ 10.8278, 0.4369,
0.4094

■ 21.9428, 0.2892,
0.3077

■ 9.8984, 0.4616,
0.4181

■ 23.8351, 0.2786,
0.2974

■ 9.0598, 0.4853,
0.4231

■ 25.8477, 0.2692,
0.2878

■ 8.3080, 0.5069,
0.4234

■ 27.9828, 0.2609,
0.2790

■ 7.7373, 0.5243,
0.4219

■ 30.2427, 0.2536,
0.2710

■ 32.6295, 0.2471,
0.2636

Harmonies

Analogous

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



15.5263, 0.3518, 0.3438



15.5263, 0.3482, 0.3574



15.5263, 0.3349, 0.3638

Triad

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



15.5263, 0.3482, 0.3574



15.5263, 0.2818, 0.3298



15.5263, 0.3085, 0.3000

Complementary

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



15.5263, 0.3482, 0.3574



14.0377, 0.2801, 0.2988

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.



15.5263, 0.2902, 0.2958



15.5263, 0.3482, 0.3574



15.5263, 0.2752, 0.3123

Square

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



15.5263, 0.3482, 0.3574



15.5263, 0.2966, 0.3478



15.5263, 0.2782, 0.3001



15.5263, 0.3285, 0.3112

Rectangle

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



15.5263, 0.3482, 0.3574



15.5263, 0.3226, 0.3627



15.5263, 0.2782, 0.3001



15.5263, 0.3019, 0.2977

Sweetspot

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



15.5270, 0.3482, 0.3574



31.3188, 0.3219, 0.3367



13.0406, 0.3352, 0.3045



7.3904, 0.3226, 0.3374



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.



15.5270, 0.3482, 0.3574



26.1303, 0.3577, 0.3643



18.1665, 0.3425, 0.3804



4.3396, 0.3265, 0.3405



8.4151, 0.5249, 0.4215



38.4225, 0.5318, 0.4159

Inverse Universe

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



14.0377, 0.2801, 0.2988



23.0164, 0.2722, 0.2909



11.7871, 0.2795, 0.2723



4.1696, 0.2994, 0.3172



4.4629, 0.1752, 0.1506



19.6232, 0.1727, 0.1416

Previews

White Background



This preview shows how the Yxy color 15.5263, 0.3482, 0.3574 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 15.5263, 0.3482, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

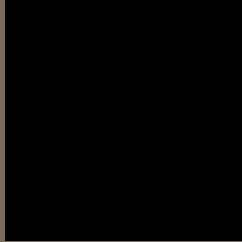
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.5263, 0.3482, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 15.5263, 0.3482, 0.3574.



This preview shows how white text looks on a background with the Yxy color 15.5263, 0.3482, 0.3574.

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

15.5263, 0.3482, 0.3574

Protanopia

15.6229, 0.3390, 0.3600

Deuteranopia

15.5518, 0.3579, 0.3527



Tritanopia

15.4330, 0.3261, 0.3134

Trichromacy



Original Color

15.5263, 0.3482, 0.3574

Protanomaly

15.5454, 0.3422, 0.3577

Deuteranomaly

15.6086, 0.3545, 0.3549

Tritanomaly

15.4136, 0.3339, 0.3291

Monochromacy



Original Color

15.5263, 0.3482, 0.3574

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.5142, 0.3260, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5263, 0.3482, 0.3574 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(120, 108, 94)` looks like.

```
.text, #text, p{  
    color:rgb(120, 108, 94)  
}
```

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(120, 108, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 108, 94) }
```

Border

The CSS property to change the border of an element to Yxy 15.5263, 0.3482, 0.3574 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(120, 108, 94) }
```

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

```
.border{ border-color:rgb(120, 108, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 108, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 108, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 108, 94);  
box-shadow:4px 4px 4px 4px rgb(120, 108,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5263, 0.3482, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 108, 94) }
```

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

```
.background{ background-color: rgb(120,  
108, 94) }
```

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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