

Converting Colors

$Y_{xy}(14.7606, 0.3551, 0.3594)$

Have a look what the booklet for
Yxy(14.7606, 0.3551, 0.3594)
contains.

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Color

Yxy(14.8344, 0.3550, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	78695A
RGB	120, 105, 90
RGB Percent	47%, 41%, 35%
CMY	0.5295, 0.5882, 0.6470
CMYK	0.00, 0.12, 0.25, 0.53
HSL	30°, 14%, 41%
HSV	30°, 25%, 47%
XYZ	14.6406, 14.8344, 11.7661
YIQ	107.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

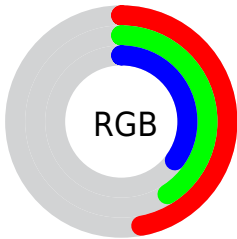
Format	Color
R_{YB}	120, 120, 90
Decimal	7891290
CIE Lab	45.41, 3.34, 10.61
CIE LCh	45, 11.125, 72.516
Yxy	14.8344, 0.3550, 0.3597
Android (android.graphics.Color)	4286081370 (0xFF78695A)
YUV	107.7750, -8.7631, 10.7213
Hunter-Lab	38.5155, 0.4497, 8.8483

Details

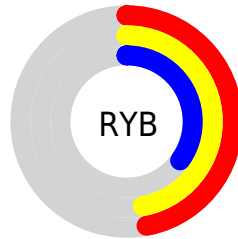
The Yxy color **14.8344, 0.3550, 0.3597** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6273, 0.2751, 0.2962**, and the grayscale version is **14.9518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5546, 0.3451, 0.3522**, and **4.5476, 0.3763, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **13.4690, 0.3758, 0.3726**, and if you desaturate by 10%, it is **16.3202, 0.3365, 0.3470**.

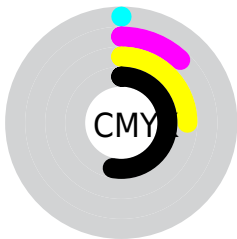
Distribution



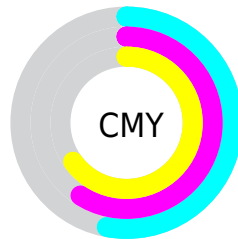
- Red (47%)
- Green (41%)
- Blue (35%)



- Red (47%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (53%)





- Cyan (53%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8344, 0.3550, 0.3597 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 14.8344, 0.3550, 0.3597 by changing the saturation by 10% instead.


 14.8344, 0.3550,
0.3597


 14.8344, 0.3550,
0.3597


222.3617, 0.3298,
0.3417

 8.7032, 0.3632,
0.3654


 34.5624, 0.3446,
0.3524


 4.5481, 0.3754,
0.3736

 48.9280, 0.3411,
0.3499


 1.9847, 0.3951,
0.3863

 66.8073, 0.3383,
0.3478

 0.5985, 0.5208,
0.4792

 88.5846, 0.3360,
0.3462

 0.0000, 0.0000,
0.0000

 114.6443, 0.3340,
0.3448

145.3707, 0.3324,

0.3436

181.1484, 0.3310,
0.3426

■ 14.8344, 0.3550,
0.3597

■ 14.8344, 0.3550,
0.3597

■ 13.4690, 0.3758,
0.3726

■ 16.3202, 0.3365,
0.3470

■ 12.2185, 0.3987,
0.3853

■ 17.9275, 0.3201,
0.3348

■ 11.0802, 0.4235,
0.3970

■ 19.6600, 0.3057,
0.3233

■ 10.0503, 0.4496,
0.4068

■ 21.5206, 0.2931,
0.3127

■ 9.1247, 0.4758,
0.4136

■ 23.5122, 0.2821,
0.3028

■ 8.2991, 0.5009,
0.4164

■ 25.6375, 0.2724,
0.2937

■ 7.5675, 0.5235,
0.4146

■ 27.8991, 0.2640,
0.2853

■ 7.2297, 0.5352,
0.4133

■ 30.2995, 0.2565,
0.2777

■ 32.8413, 0.2499,
0.2707

Harmonies

Analogous

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



14.8344, 0.3574, 0.3431



14.8344, 0.3550, 0.3597



14.8344, 0.3410, 0.3688

Triad

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



14.8344, 0.3550, 0.3597



14.8344, 0.2791, 0.3330



14.8344, 0.3044, 0.2945

Complementary

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



14.8344, 0.3550, 0.3597



13.6273, 0.2751, 0.2962

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.



14.8344, 0.2842, 0.2910



14.8344, 0.3550, 0.3597



14.8344, 0.2701, 0.3123

Square

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



14.8344, 0.3550, 0.3597



14.8344, 0.2971, 0.3534



14.8344, 0.2719, 0.2972



14.8344, 0.3276, 0.3063

Rectangle

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



14.8344, 0.3550, 0.3597



14.8344, 0.3273, 0.3688



14.8344, 0.2719, 0.2972



14.8344, 0.2971, 0.2923

Sweetspot

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



14.8351, 0.3550, 0.3597



30.9056, 0.3235, 0.3374



12.3248, 0.3379, 0.2986



7.2958, 0.3242, 0.3379



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.



14.8351, 0.3550, 0.3597



24.6942, 0.3667, 0.3672



18.1570, 0.3485, 0.3881



4.3157, 0.3266, 0.3397



7.8619, 0.5357, 0.4128



35.7992, 0.5433, 0.4068

Inverse Universe

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



13.6273, 0.2751, 0.2962



22.1827, 0.2661, 0.2875



10.8432, 0.2723, 0.2621



4.1934, 0.2994, 0.3180



4.9680, 0.1786, 0.1631



21.9959, 0.1762, 0.1544

Previews

White Background



This preview shows how the Yxy color 14.8344, 0.3550, 0.3597 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 14.8344, 0.3550, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

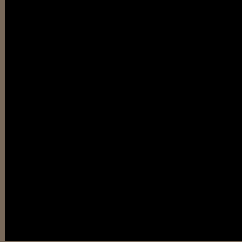
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8344, 0.3550, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 14.8344, 0.3550, 0.3597.



This preview shows how white text looks on a background with the Yxy color 14.8344, 0.3550, 0.3597.

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

14.8344, 0.3550, 0.3597

Protanopia

14.7814, 0.3425, 0.3627

Deuteranopia

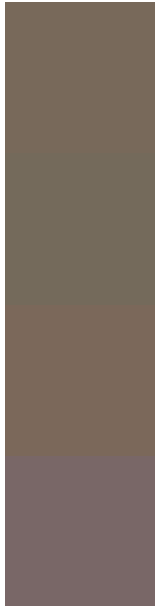
14.7238, 0.3620, 0.3552



Tritanopia

14.7661, 0.3308, 0.3133

Trichromacy



Original Color

14.8344, 0.3550, 0.3597

Protanomaly

14.7764, 0.3473, 0.3602

Deuteranomaly

14.8498, 0.3600, 0.3573

Tritanomaly

14.7447, 0.3389, 0.3291

Monochromacy



Original Color

14.8344, 0.3550, 0.3597

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.8997, 0.3275, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8344, 0.3550, 0.3597 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, 105, 90)` looks like.

```
.text, #text, p{  
    color:rgb(120, 105, 90)  
}
```

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, 105, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 105, 90) }
```

Border

The CSS property to change the border of an element to Yxy 14.8344, 0.3550, 0.3597 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, 105, 90) }
```

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

```
.border{ border-color:rgb(120, 105, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 105, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 105, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 105, 90);  
box-shadow:4px 4px 4px 4px rgb(120, 105,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8344, 0.3550, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 105, 90) }
```

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

```
.background{ background-color: rgb(120,  
105, 90) }
```

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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