

Converting Colors

$Y_{xy}(12.3383, 0.3509, 0.3533)$

Have a look what the booklet for
Yxy(12.3383, 0.3509, 0.3533)
contains.

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Color

Yxy(12.3366, 0.3509, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	6E6055
RGB	110, 96, 85
RGB Percent	43%, 38%, 33%
CMY	0.5686, 0.6235, 0.6667
CMYK	0.00, 0.13, 0.23, 0.57
HSL	26°, 13%, 38%
HSV	26°, 23%, 43%
XYZ	12.2528, 12.3366, 10.3288
YIQ	98.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

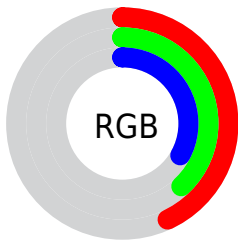
Format	Color
R _Y B	110, 105, 85
Decimal	7233621
CIE Lab	41.75, 3.68, 8.35
CIE LCh	42, 9.122, 66.235
Yxy	12.3366, 0.3509, 0.3533
Android (android.graphics.Color)	4285423701 (0xFF6E6055)
YUV	98.9320, -6.8685, 9.7066
Hunter-Lab	35.1235, 0.8034, 7.1510

Details

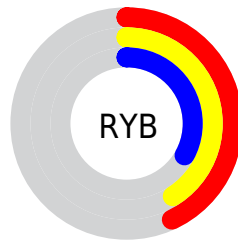
The Yxy color **12.3366, 0.3509, 0.3533** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9793, 0.2791, 0.3034**, and the grayscale version is **12.4749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.9884, 0.3409, 0.3459**, and **3.4585, 0.3711, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **11.0957, 0.3717, 0.3646**, and if you desaturate by 10%, it is **13.6939, 0.3326, 0.3423**.

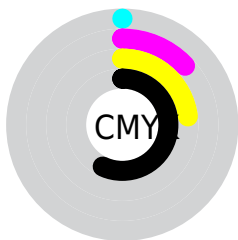
Distribution



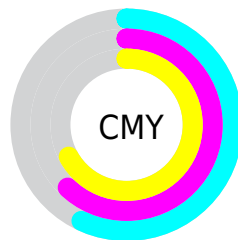
- Red (43%)
- Green (38%)
- Blue (33%)



- Red (43%)
- Yellow (41%)
- Blue (33%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (57%)



- Cyan (57%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 12.3366, 0.3509, 0.3533 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 12.3366, 0.3509, 0.3533 by changing the saturation by 10% instead.

■ 12.3366, 0.3509,
0.3533

■ 12.3366, 0.3509,
0.3533

■ 206.6211, 0.3276,
0.3387

■ 6.9734, 0.3590,
0.3581

■ 30.1067, 0.3410,
0.3472

■ 3.4454, 0.3713,
0.3653

■ 43.2823, 0.3378,
0.3452

■ 1.3685, 0.3929,
0.3775

■ 59.8309, 0.3352,
0.3436

■ 0.1933, 0.5859,
0.4141

■ 80.1367, 0.3331,
0.3423

■ 0.0000, 0.0000,
0.0000

■ 104.5843, 0.3314,
0.3412

133.5579, 0.3299,

0.3402

167.4421, 0.3286,
0.3394

■ 12.3366, 0.3509,
0.3533

■ 12.3366, 0.3509,
0.3533

■ 11.0957, 0.3717,
0.3646

■ 13.6939, 0.3326,
0.3423

■ 9.9662, 0.3950,
0.3759

■ 15.1689, 0.3167,
0.3318

■ 8.9452, 0.4208,
0.3864

■ 16.7653, 0.3028,
0.3219

■ 8.0291, 0.4486,
0.3954

■ 18.4858, 0.2908,
0.3128

■ 7.2140, 0.4773,
0.4019

■ 20.3333, 0.2803,
0.3044

■ 6.4958, 0.5055,
0.4047

■ 22.3104, 0.2712,
0.2966

■ 5.8696, 0.5315,
0.4029

■ 24.4197, 0.2632,
0.2895

■ 5.4637, 0.5507,
0.4009

■ 26.6637, 0.2562,
0.2830

■ 29.0449, 0.2501,
0.2771

Harmonies

Analogous

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



12.3366, 0.3506, 0.3380



12.3366, 0.3509, 0.3533



12.3366, 0.3407, 0.3627

Triad

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



12.3366, 0.3509, 0.3533



12.3366, 0.2861, 0.3365



12.3366, 0.3015, 0.2974

Complementary

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



12.3366, 0.3509, 0.3533



11.9793, 0.2791, 0.3034

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.



12.3366, 0.2849, 0.2962



12.3366, 0.3509, 0.3533



12.3366, 0.2763, 0.3181

Square

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



12.3366, 0.3509, 0.3533



12.3366, 0.3031, 0.3533



12.3366, 0.2758, 0.3035



12.3366, 0.3216, 0.3064

Rectangle

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



12.3366, 0.3509, 0.3533



12.3366, 0.3295, 0.3641



12.3366, 0.2758, 0.3035



12.3366, 0.2953, 0.2961

Sweetspot

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



12.3372, 0.3509, 0.3533



25.4593, 0.3235, 0.3364



10.7154, 0.3322, 0.2982



5.9032, 0.3241, 0.3367



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



12.3372, 0.3509, 0.3533



20.5538, 0.3609, 0.3589



14.7663, 0.3456, 0.3789



3.6207, 0.3265, 0.3383



6.5067, 0.5522, 0.3998



30.7510, 0.5611, 0.3927

Inverse Universe

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



11.9793, 0.2791, 0.3034



19.8123, 0.2716, 0.2970



9.8189, 0.2770, 0.2736



3.5812, 0.2996, 0.3195



5.3775, 0.1844, 0.1839



25.0472, 0.1821, 0.1754

Previews

White Background



This preview shows how the Yxy color 12.3366, 0.3509, 0.3533 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 12.3366, 0.3509, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

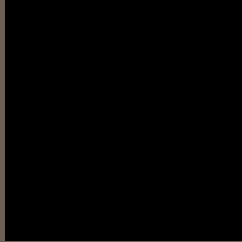
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.3366, 0.3509, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 12.3366, 0.3509, 0.3533.



This preview shows how white text looks on a background with the Yxy color 12.3366, 0.3509, 0.3533.

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

12.3366, 0.3509, 0.3533

Protanopia

12.2908, 0.3375, 0.3563

Deuteranopia

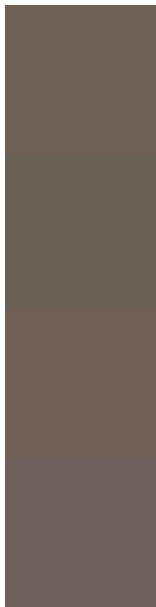
12.3510, 0.3562, 0.3508



Tritanopia

12.3897, 0.3305, 0.3141

Trichromacy



Original Color

12.3366, 0.3509, 0.3533

Protanomaly

12.2854, 0.3426, 0.3537

Deuteranomaly

12.2850, 0.3546, 0.3509

Tritanomaly

12.3901, 0.3377, 0.3291

Monochromacy



Original Color

12.3366, 0.3509, 0.3533

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.4271, 0.3259, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.3366, 0.3509, 0.3533 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(110, 96, 85)` looks like.

```
.text, #text, p{  
  color:rgb(110, 96, 85)  
}
```

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(110, 96, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 96, 85) }
```

Border

The CSS property to change the border of an element to Yxy 12.3366, 0.3509, 0.3533 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(110, 96, 85) }
```

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

```
.border{ border-color:rgb(110, 96, 85) }
```

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

Here you see how a box with a 4 pixel rgb(110, 96, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 96, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 96, 85);  
box-shadow:4px 4px 4px 4px rgb(110, 96,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 12.3366, 0.3509, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 96, 85) }
```

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

```
.background{ background-color: rgb(110, 96,  
85) }
```

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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