

Converting Colors

$Y_{xy}(14.0153, 0.4294, 0.4501)$

Have a look what the booklet for
Yxy(14.0153, 0.4294, 0.4501)
contains.

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Color

Yxy(14.0450, 0.4286, 0.4508)

Conversions

Conversions Part 1

Format	Color
Hex	7B6725
RGB	123, 103, 37
RGB Percent	48%, 40%, 15%
CMY	0.5176, 0.5961, 0.8549
CMYK	0.00, 0.16, 0.70, 0.52
HSL	46°, 54%, 31%
HSV	46°, 70%, 48%
XYZ	13.3533, 14.0450, 3.7574
YIQ	101.4560, 33.1060, -16.2860

Conversions

Conversions Part 2

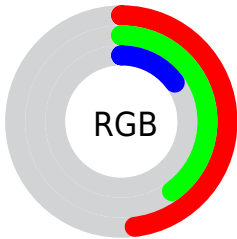
Format	Color
RYB	63, 123, 37
Decimal	8087333
CIELab	44.30, 0.03, 38.85
CIElCh	44, 38.847, 89.962
Yxy	14.0450, 0.4286, 0.4508
Android (android.graphics.Color)	4286277413 (0xFF7B6725)
YUV	101.4560, -31.7768, 18.8941
Hunter-Lab	37.4767, -1.9827, 20.2893

Details

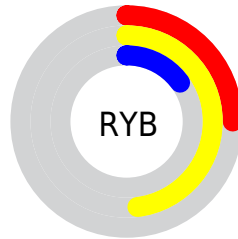
The Yxy color **14.0450, 0.4286, 0.4508** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.7506, 0.1940, 0.1589**, and the grayscale version is **13.2162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2481, 0.4030, 0.4241**, and **4.1679, 0.4574, 0.4751** is the 20% darker color. If you saturate the color by 10%, you get **13.4215, 0.4430, 0.4605**, and if you desaturate by 10%, it is **14.7154, 0.4124, 0.4375**.

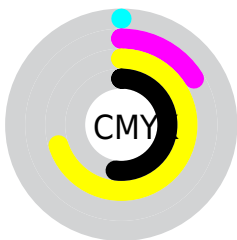
Distribution



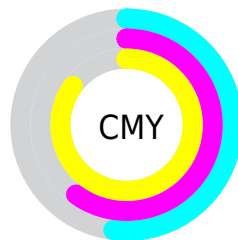
- Red (48%)
- Green (40%)
- Blue (15%)



- Red (25%)
- Yellow (48%)
- Blue (15%)



- Cyan (0%)
- Magenta (16%)
- Yellow (70%)
- Black (52%)





- Cyan (52%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0450, 0.4286, 0.4508 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 14.0450, 0.4286, 0.4508 by changing the saturation by 10% instead.


 14.0450, 0.4286,
0.4508


 14.0450, 0.4286,
0.4508


217.5106, 0.3629,
0.3818


 8.1520, 0.4456,
0.4686


 33.1689, 0.4035,
0.4244


 4.1923, 0.4751,
0.4996

 47.1685, 0.3943,
0.4148

 1.7817, 0.4875,
0.5125

 64.6391, 0.3867,
0.4068

 0.4757, 0.4877,
0.5123

 85.9650, 0.3804,
0.4001

 0.0000, 0.0000,
0.0000

 111.5308, 0.3750,
0.3945

 141.7207, 0.3704,

0.3896

176.9192, 0.3664,
0.3854

14.0450, 0.4286,
0.4508

14.0450, 0.4286,
0.4508

13.4215, 0.4430,
0.4605

14.7154, 0.4124,
0.4375

12.8398, 0.4550,
0.4659

15.4333, 0.3951,
0.4215

12.2914, 0.4654,
0.4685

16.2015, 0.3774,
0.4036

12.2870, 0.4655,
0.4686

17.0222, 0.3600,
0.3848

17.8973, 0.3432,
0.3657

■ 18.8285, 0.3273,
0.3469

■ 19.8177, 0.3126,
0.3289

■ 20.8663, 0.2991,
0.3118

■ 21.9759, 0.2868,
0.2958

Harmonies

Analogous

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



14.0450, 0.4688, 0.3973



14.0450, 0.4286, 0.4508



14.0450, 0.3604, 0.4785

Triad

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



14.0450, 0.4286, 0.4508



14.0450, 0.1819, 0.2902



14.0450, 0.3267, 0.2386

Complementary

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



14.0450, 0.4286, 0.4508



4.7506, 0.1940, 0.1589

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.



14.0450, 0.2507, 0.2125



14.0450, 0.4286, 0.4508



14.0450, 0.1760, 0.2338

Square

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



14.0450, 0.4286, 0.4508



14.0450, 0.2188, 0.3741



14.0450, 0.1991, 0.2095



14.0450, 0.4086, 0.2830

Rectangle

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



14.0450, 0.4286, 0.4508



14.0450, 0.3088, 0.4679



14.0450, 0.1991, 0.2095



14.0450, 0.2994, 0.2276

Sweetspot

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



14.0457, 0.4286, 0.4508



31.7886, 0.3458, 0.3687



5.8308, 0.4809, 0.2930



7.4025, 0.3495, 0.3730



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



14.0457, 0.4286, 0.4508



23.3828, 0.4507, 0.4644



17.0147, 0.3723, 0.4995



4.4834, 0.3260, 0.3453



12.7008, 0.4656, 0.4685



59.2409, 0.4685, 0.4662

Inverse Universe

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



4.7506, 0.1940, 0.1589



5.7123, 0.1719, 0.1185



3.7121, 0.2106, 0.1282



4.0310, 0.2994, 0.3121



2.3614, 0.1585, 0.0904



10.1566, 0.1563, 0.0827

Previews

White Background



This preview shows how the Yxy color 14.0450, 0.4286, 0.4508 looks on a white background.

Color Contrast Check

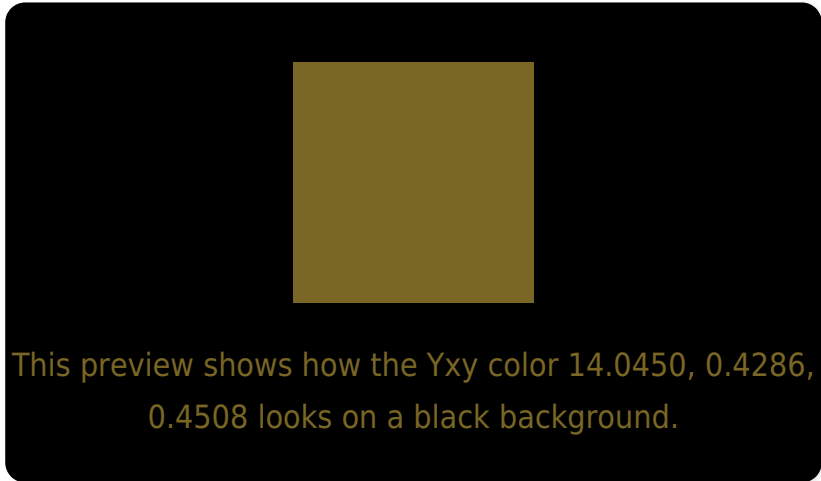
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

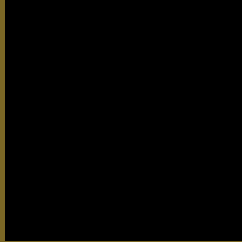
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0450, 0.4286, 0.4508

Background



This preview shows how black text looks on a background with the Yxy color 14.0450, 0.4286, 0.4508.



This preview shows how white text looks on a background with the Yxy color 14.0450, 0.4286, 0.4508.

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

14.0450, 0.4286, 0.4508

Protanopia

14.0250, 0.4158, 0.4579

Deuteranopia

14.0796, 0.4438, 0.4380



Tritanopia

13.9544, 0.3501, 0.3135

Trichromacy



Original Color

14.0450, 0.4286, 0.4508

Protanomaly

13.9625, 0.4202, 0.4545

Deuteranomaly

14.0365, 0.4379, 0.4421

Tritanomaly

13.9385, 0.3823, 0.3671

Monochromacy



Original Color

14.0450, 0.4286, 0.4508

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.3040, 0.3567, 0.3817

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0450, 0.4286, 0.4508 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(123, 103, 37)` looks like.

```
.text, #text, p{  
    color:rgb(123, 103, 37)  
}
```

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(123, 103, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 103, 37) }
```

Border

The CSS property to change the border of an element to Yxy 14.0450, 0.4286, 0.4508 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(123, 103, 37) }
```

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

```
.border{ border-color:rgb(123, 103, 37) }
```

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

Here you see how a box with a 4 pixel rgb(123, 103, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 103, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 103, 37);  
box-shadow:4px 4px 4px 4px rgb(123, 103,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0450, 0.4286, 0.4508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 103, 37) }
```

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

```
.background{ background-color: rgb(123,  
103, 37) }
```

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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