

Converting Colors

$Y_{xy}(14.0087, 0.4221, 0.4253)$

Have a look what the booklet for
Yxy(14.0087, 0.4221, 0.4253)
contains.

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Color

Yxy(13.9733, 0.4219, 0.4261)

Conversions

Conversions Part 1

Format	Color
Hex	7E6532
RGB	126, 101, 50
RGB Percent	49%, 40%, 20%
CMY	0.5058, 0.6039, 0.8039
CMYK	0.00, 0.20, 0.60, 0.51
HSL	40°, 43%, 35%
HSV	40°, 60%, 49%
XYZ	13.8356, 13.9733, 4.9846
YIQ	102.6610, 31.2710, -10.5610

Conversions

Conversions Part 2

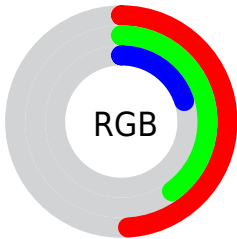
Format	Color
RYB	87, 126, 50
Decimal	8283442
CIELab	44.19, 3.56, 32.24
CIElCh	44, 32.434, 83.697
Yxy	13.9733, 0.4219, 0.4261
Android (android.graphics.Color)	4286473522 (0xFF7E6532)
YUV	102.6610, -25.9619, 20.4683
Hunter-Lab	37.3809, 0.6506, 18.2605

Details

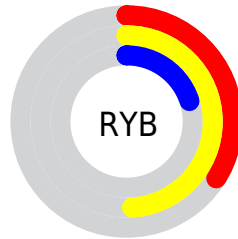
The Yxy color **13.9733, 0.4219, 0.4261** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.2191, 0.2137, 0.2030**, and the grayscale version is **13.5336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1621, 0.3967, 0.4049**, and **4.1948, 0.4635, 0.4622** is the 20% darker color. If you saturate the color by 10%, you get **13.0946, 0.4415, 0.4377**, and if you desaturate by 10%, it is **14.9240, 0.4017, 0.4118**.

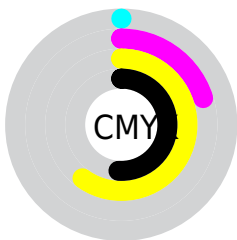
Distribution



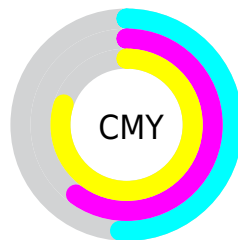
- Red (49%)
- Green (40%)
- Blue (20%)



- Red (34%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (20%)
- Yellow (60%)
- Black (51%)




- Cyan (51%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9733, 0.4219, 0.4261 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 13.9733, 0.4219, 0.4261 by changing the saturation by 10% instead.


 13.9733, 0.4219,
0.4261


 13.9733, 0.4219,
0.4261

217.0647, 0.3583,
0.3708


 8.1021, 0.4403,
0.4411


 33.0416, 0.3966,
0.4047


 4.1603, 0.4657,
0.4609

 47.0076, 0.3878,
0.3970

 1.7637, 0.5075,
0.4925

 64.4405, 0.3805,
0.3906

 0.4644, 0.5322,
0.4678

 85.7249, 0.3745,
0.3853

 0.0000, 0.0000,
0.0000

 111.2451, 0.3695,
0.3808

 141.3856, 0.3652,

0.3770

176.5306, 0.3615,
0.3737

■ 13.9733, 0.4219,
0.4261

■ 13.9733, 0.4219,
0.4261

■ 13.0946, 0.4415,
0.4377

■ 14.9240, 0.4017,
0.4118

■ 12.2827, 0.4596,
0.4456

■ 15.9474, 0.3818,
0.3958

■ 11.5347, 0.4754,
0.4491

■ 17.0469, 0.3627,
0.3790

■ 10.8622, 0.4893,
0.4497

■ 18.2248, 0.3448,
0.3620

■ 19.4834, 0.3282,
0.3454

■ 20.8249, 0.3132,
0.3295

■ 22.2514, 0.2996,
0.3145

■ 23.7647, 0.2874,
0.3005

■ 25.3667, 0.2765,
0.2876

Harmonies

Analogous

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



13.9733, 0.4471, 0.3797



13.9733, 0.4219, 0.4261



13.9733, 0.3684, 0.4524

Triad

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



13.9733, 0.4219, 0.4261



13.9733, 0.2054, 0.3113



13.9733, 0.3107, 0.2451

Complementary

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



13.9733, 0.4219, 0.4261



7.2191, 0.2137, 0.2030

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.



13.9733, 0.2492, 0.2264



13.9733, 0.4219, 0.4261



13.9733, 0.1940, 0.2570

Square

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



13.9733, 0.4219, 0.4261



13.9733, 0.2438, 0.3818



13.9733, 0.2090, 0.2292



13.9733, 0.3799, 0.2813

Rectangle

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



13.9733, 0.4219, 0.4261



13.9733, 0.3251, 0.4485



13.9733, 0.2090, 0.2292



13.9733, 0.2884, 0.2367

Sweetspot

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



13.9740, 0.4219, 0.4261



32.4808, 0.3415, 0.3588



7.2303, 0.4276, 0.2803



7.2686, 0.3457, 0.3629



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.



13.9740, 0.4219, 0.4261



22.5499, 0.4478, 0.4408



18.6906, 0.3778, 0.4741



4.7883, 0.3263, 0.3434



11.1322, 0.4894, 0.4496



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.2191, 0.2137, 0.2030



9.6236, 0.1933, 0.1701



4.8332, 0.2162, 0.1507



4.4250, 0.2993, 0.3141



3.1988, 0.1645, 0.1122



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.9733, 0.4219, 0.4261 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 13.9733, 0.4219, 0.4261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

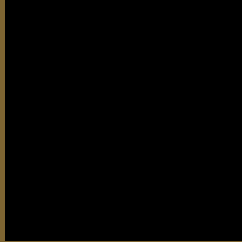
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9733, 0.4219, 0.4261

Background



This preview shows how black text looks on a background with the Yxy color 13.9733, 0.4219, 0.4261.



This preview shows how white text looks on a background with the Yxy color 13.9733, 0.4219, 0.4261.

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

13.9733, 0.4219, 0.4261

Protanopia

14.0552, 0.4007, 0.4382

Deuteranopia

14.0118, 0.4276, 0.4224



Tritanopia

13.9095, 0.3551, 0.3137

Trichromacy



Original Color

13.9733, 0.4219, 0.4261

Protanomaly

14.1327, 0.4080, 0.4337

Deuteranomaly

13.9338, 0.4261, 0.4231

Tritanomaly

13.8566, 0.3822, 0.3548

Monochromacy



Original Color

13.9733, 0.4219, 0.4261

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.5223, 0.3512, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9733, 0.4219, 0.4261 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(126, 101, 50)` looks like.

```
.text, #text, p{  
    color:rgb(126, 101, 50)  
}
```

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(126, 101, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 101, 50) }
```

Border

The CSS property to change the border of an element to Yxy 13.9733, 0.4219, 0.4261 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(126, 101, 50) }
```

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

```
.border{ border-color:rgb(126, 101, 50) }
```

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

Here you see how a box with a 4 pixel rgb(126, 101, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 101, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 101, 50);  
box-shadow:4px 4px 4px 4px rgb(126, 101,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9733, 0.4219, 0.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 101, 50) }
```

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

```
.background{ background-color: rgb(126,  
101, 50) }
```

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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