

Converting Colors

$Y_{xy}(14.0448, 0.3519, 0.4000)$

Have a look what the booklet for
Yxy(14.0448, 0.3519, 0.4000)
contains.

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Color

Yxy(14.0266, 0.3520, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	696B4B
RGB	105, 107, 75
RGB Percent	41%, 42%, 29%
CMY	0.5883, 0.5804, 0.7059
CMYK	0.02, 0.00, 0.30, 0.58
HSL	64°, 18%, 36%
HSV	64°, 30%, 42%
XYZ	12.3527, 14.0266, 8.7135
YIQ	102.7540, 9.0800, -10.3760

Conversions

Conversions Part 2

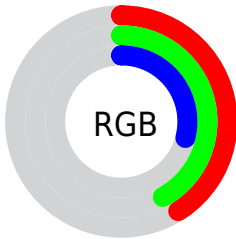
Format	Color
RYB	75, 107, 77
Decimal	6908747
CIELab	44.27, -6.52, 17.73
CIElCh	44, 18.890, 110.199
Yxy	14.0266, 0.3520, 0.3997
Android (android.graphics.Color)	4285098827 (0xFF696B4B)
YUV	102.7540, -13.6827, 1.9697
Hunter-Lab	37.4521, -6.6673, 12.4222

Details

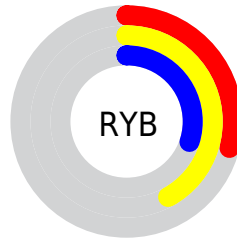
The Yxy color **14.0266, 0.3520, 0.3997** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.6729, 0.2667, 0.2486**, and the grayscale version is **13.5302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0771, 0.3432, 0.3814**, and **4.1953, 0.3691, 0.4377** is the 20% darker color. If you saturate the color by 10%, you get **13.8522, 0.3647, 0.4232**, and if you desaturate by 10%, it is **14.2272, 0.3388, 0.3757**.

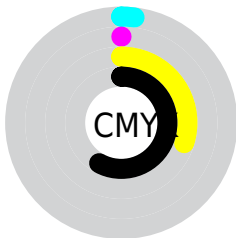
Distribution



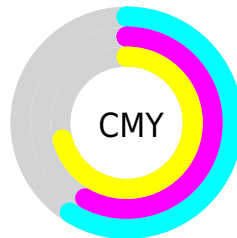
- Red (41%)
- Green (42%)
- Blue (29%)



- Red (29%)
- Yellow (42%)
- Blue (30%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (58%)





- Cyan (59%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0266, 0.3520, 0.3997 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 14.0266, 0.3520, 0.3997 by changing the saturation by 10% instead.


 14.0266, 0.3520,
0.3997


 14.0266, 0.3520,
0.3997

217.3962, 0.3290,
0.3568


 8.1392, 0.3591,
0.4140


 33.1362, 0.3427,
0.3818


 4.1841, 0.3689,
0.4354

 47.1272, 0.3395,
0.3758

 1.7771, 0.3908,
0.4795

 64.5881, 0.3369,
0.3710

 0.4728, 0.3803,
0.6197

 85.9035, 0.3348,
0.3672

 0.0000, 0.0000,
0.0000

 111.4575, 0.3330,
0.3639

141.6348, 0.3315,

0.3612

176.8195, 0.3302,
0.3589

■ 14.0266, 0.3520,
0.3997

■ 14.0266, 0.3520,
0.3997

■ 13.8522, 0.3647,
0.4232

■ 14.2272, 0.3388,
0.3757

■ 13.7009, 0.3766,
0.4454

■ 14.4534, 0.3256,
0.3519

■ 13.5720, 0.3870,
0.4655

■ 14.7067, 0.3126,
0.3288

■ 13.4640, 0.3956,
0.4826

■ 14.9883, 0.3002,
0.3068

■ 13.3753, 0.4020,
0.4962

■ 15.2990, 0.2884,
0.2862

■ 13.3040, 0.4061,
0.5059

■ 15.6398, 0.2774,
0.2671

■ 13.2418, 0.4089,
0.5135

■ 16.0116, 0.2673,
0.2495

■ 13.2412, 0.4089,
0.5135

■ 16.4152, 0.2580,
0.2335

■ 16.8514, 0.2494,
0.2189

Harmonies

Analogous

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



14.0266, 0.3810, 0.3863



14.0266, 0.3520, 0.3997



14.0266, 0.3135, 0.3920

Triad

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



14.0266, 0.3520, 0.3997



14.0266, 0.2398, 0.2911



14.0266, 0.3479, 0.2974

Complementary

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



14.0266, 0.3520, 0.3997



7.6729, 0.2667, 0.2486

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.



14.0266, 0.3079, 0.2752



14.0266, 0.3520, 0.3997



14.0266, 0.2474, 0.2702

Square

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



14.0266, 0.3520, 0.3997



14.0266, 0.2500, 0.3251



14.0266, 0.2716, 0.2652



14.0266, 0.3793, 0.3273

Rectangle

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



14.0266, 0.3520, 0.3997



14.0266, 0.2880, 0.3748



14.0266, 0.2716, 0.2652



14.0266, 0.3349, 0.2889

Sweetspot

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



14.0272, 0.3520, 0.3997



25.9063, 0.3247, 0.3503



8.8867, 0.3731, 0.3329



6.2586, 0.3262, 0.3530



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.



14.0272, 0.3520, 0.3997



24.8879, 0.3611, 0.4165



13.1684, 0.3289, 0.4053



3.5743, 0.3243, 0.3497



16.1023, 0.4088, 0.5136



81.9067, 0.4082, 0.5141

Inverse Universe

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



7.6729, 0.2667, 0.2486



11.4966, 0.2537, 0.2261



8.4010, 0.2916, 0.2540



3.0334, 0.3006, 0.3076



1.3391, 0.1533, 0.0618



6.6854, 0.1514, 0.0608

Previews

White Background



This preview shows how the Yxy color 14.0266, 0.3520, 0.3997 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 14.0266, 0.3520, 0.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

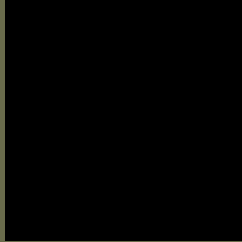
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0266, 0.3520, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 14.0266, 0.3520, 0.3997.



This preview shows how white text looks on a background with the Yxy color 14.0266, 0.3520, 0.3997.

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

14.0266, 0.3520, 0.3997

Protanopia

14.1083, 0.3667, 0.3950

Deuteranopia

13.9212, 0.3844, 0.3775



Tritanopia

13.9016, 0.3108, 0.3102

Trichromacy



Original Color

14.0266, 0.3520, 0.3997

Protanomaly

14.1175, 0.3615, 0.3981

Deuteranomaly

14.0042, 0.3714, 0.3855

Tritanomaly

13.9706, 0.3265, 0.3419

Monochromacy



Original Color

14.0266, 0.3520, 0.3997

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.6340, 0.3274, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0266, 0.3520, 0.3997 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(105, 107, 75)` looks like.

```
.text, #text, p{  
    color:rgb(105, 107, 75)  
}
```

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(105, 107, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 107, 75) }
```

Border

The CSS property to change the border of an element to Yxy 14.0266, 0.3520, 0.3997 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(105, 107, 75) }
```

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

```
.border{ border-color:rgb(105, 107, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 107, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 107, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 107, 75);  
box-shadow:4px 4px 4px 4px rgb(105, 107,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0266, 0.3520, 0.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 107, 75) }
```

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

```
.background{ background-color: rgb(105,  
107, 75) }
```

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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