

Converting Colors

$Y_{xy}(13.7285, 0.3376, 0.4221)$

Have a look what the booklet for
Yxy(13.7285, 0.3376, 0.4221)
contains.

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Color

Yxy(13.6548, 0.3382, 0.4202)

Conversions

Conversions Part 1

Format	Color
Hex	5C6D46
RGB	92, 109, 70
RGB Percent	36%, 43%, 27%
CMY	0.6391, 0.5726, 0.7255
CMYK	0.16, 0.00, 0.36, 0.57
HSL	86°, 22%, 35%
HSV	86°, 36%, 43%
XYZ	10.9901, 13.6548, 7.8510
YIQ	99.4710, 2.3870, -15.7330

Conversions

Conversions Part 2

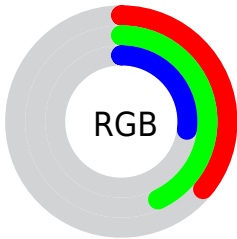
Format	Color
RYB	70, 109, 87
Decimal	6057286
CIELab	43.73, -13.88, 19.75
CIELCh	44, 24.138, 125.113
Yxy	13.6548, 0.3382, 0.4202
Android (android.graphics.Color)	4284247366 (0xFF5C6D46)
YUV	99.4710, -14.5292, -6.5521
Hunter-Lab	36.9524, -11.5784, 13.2697

Details

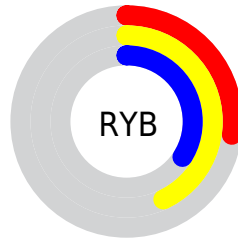
The Yxy color **13.6548, 0.3382, 0.4202** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.5093, 0.2789, 0.2359**, and the grayscale version is **12.6412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.6613, 0.3326, 0.3965**, and **3.9700, 0.3457, 0.4673** is the 20% darker color. If you saturate the color by 10%, you get **13.2933, 0.3441, 0.4477**, and if you desaturate by 10%, it is **14.0578, 0.3315, 0.3930**.

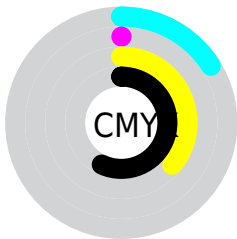
Distribution



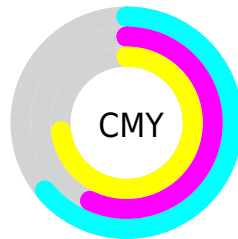
- Red (36%)
- Green (43%)
- Blue (27%)



- Red (27%)
- Yellow (43%)
- Blue (34%)



- Cyan (16%)
- Magenta (0%)
- Yellow (36%)
- Black (57%)





- Cyan (64%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.6548, 0.3382, 0.4202 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 13.6548, 0.3382, 0.4202 by changing the saturation by 10% instead.


 13.6548, 0.3382,
0.4202


 13.6548, 0.3382,
0.4202


215.0726, 0.3240,
0.3639


 7.8810, 0.3419,
0.4397


 32.4753, 0.3328,
0.3962


 4.0189, 0.3462,
0.4694

 46.2907, 0.3308,
0.3884

 1.6841, 0.3668,
0.5443

 63.5554, 0.3292,
0.3822

 0.4133, 0.1154,
0.8846

 84.6538, 0.3278,
0.3771

 0.0000, 0.0000,
0.0000

 109.9704, 0.3267,
0.3730

139.8894, 0.3257,

0.3695

174.7954, 0.3248,
0.3665

■ 13.6548, 0.3382,
0.4202

■ 13.6548, 0.3382,
0.4202

■ 13.2933, 0.3441,
0.4477

■ 14.0578, 0.3315,
0.3930

■ 12.9698, 0.3489,
0.4747

■ 14.5020, 0.3243,
0.3669

■ 12.6832, 0.3521,
0.5000


■ 14.9895, 0.3169,
0.3424

■ 12.4316, 0.3534,
0.5223

■ 15.5215, 0.3097,
0.3196

■ 12.2127, 0.3526,
0.5407


■ 16.0994, 0.3026,
0.2988


 12.0223, 0.3500,
0.5551

 16.7244, 0.2958,
0.2798

 11.9467, 0.3489,
0.5612

 17.3978, 0.2894,
0.2627

 18.1205, 0.2834,
0.2473

 18.8938, 0.2779,
0.2334

Harmonies

Analogous

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



13.6548, 0.3834, 0.4137



13.6548, 0.3382, 0.4202



13.6548, 0.2883, 0.3960

Triad

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



13.6548, 0.3382, 0.4202



13.6548, 0.2226, 0.2643



13.6548, 0.3806, 0.3063

Complementary

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



13.6548, 0.3382, 0.4202



7.5093, 0.2789, 0.2359

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.



13.6548, 0.3319, 0.2734



13.6548, 0.3382, 0.4202



13.6548, 0.2425, 0.2489

Square

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



13.6548, 0.3382, 0.4202



13.6548, 0.2240, 0.2995



13.6548, 0.2813, 0.2528



13.6548, 0.4103, 0.3458

Rectangle

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



13.6548, 0.3382, 0.4202



13.6548, 0.2591, 0.3659



13.6548, 0.2813, 0.2528



13.6548, 0.3657, 0.2943

Sweetspot

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



13.6554, 0.3382, 0.4202



26.3510, 0.3210, 0.3558



10.4933, 0.3786, 0.3675



6.1127, 0.3217, 0.3581



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.



13.6554, 0.3382, 0.4202



23.9039, 0.3433, 0.4434



12.7794, 0.3113, 0.4282



3.5212, 0.3193, 0.3500



13.9602, 0.3484, 0.5616



70.6127, 0.3447, 0.5645

Inverse Universe

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



7.5093, 0.2789, 0.2359



11.1160, 0.2686, 0.2116



8.5732, 0.3121, 0.2445



3.0835, 0.3057, 0.3079



1.9960, 0.1943, 0.0844



9.6753, 0.1886, 0.0813

Previews

White Background



This preview shows how the Yxy color 13.6548, 0.3382, 0.4202 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 13.6548, 0.3382, 0.4202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

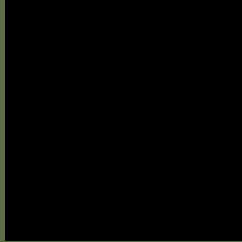
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

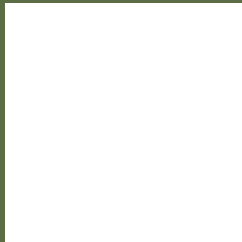
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 13.6548, 0.3382, 0.4202

Background



This preview shows how black text looks on a background with the Yxy color 13.6548, 0.3382, 0.4202.



This preview shows how white text looks on a background with the Yxy color 13.6548, 0.3382, 0.4202.

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

13.6548, 0.3382, 0.4202

Protanopia

13.5626, 0.3747, 0.4041

Deuteranopia

13.6025, 0.3895, 0.3839



Tritanopia

13.6672, 0.2944, 0.3116

Trichromacy



Original Color

13.6548, 0.3382, 0.4202

Protanomaly

13.5361, 0.3611, 0.4089

Deuteranomaly

13.6002, 0.3706, 0.3978

Tritanomaly

13.6579, 0.3104, 0.3493

Monochromacy



Original Color

13.6548, 0.3382, 0.4202

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.8919, 0.3226, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.6548, 0.3382, 0.4202 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(92, 109, 70)` looks like.

```
.text, #text, p{  
    color:rgb(92, 109, 70)  
}
```

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(92, 109, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 109, 70) }
```

Border

The CSS property to change the border of an element to Yxy 13.6548, 0.3382, 0.4202 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(92, 109, 70) }
```

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

```
.border{ border-color:rgb(92, 109, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 109, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 109, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 109, 70);  
box-shadow:4px 4px 4px 4px rgb(92, 109,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 13.6548, 0.3382, 0.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 109, 70) }
```

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

```
.background{ background-color: rgb(92, 109,  
70) }
```

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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