

Converting Colors

$Yxy(46.0744, 0.3414, 0.3433)$

Have a look what the booklet for
Yxy(46.0744, 0.3414, 0.3433)
contains.

Yxy(46.2032, 0.3408, 0.3431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(46.2032, 0.3408, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	C6B1A6
RGB	198, 177, 166
RGB Percent	78%, 69%, 65%
CMY	0.2235, 0.3059, 0.3491
CMYK	0.00, 0.11, 0.16, 0.22
HSL	21°, 22%, 71%
HSV	21°, 16%, 78%
XYZ	45.8935, 46.2032, 42.5673
YIQ	182.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

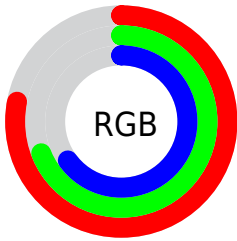
Format	Color
R _Y B	198, 183, 166
Decimal	13021606
CIE Lab	73.68, 5.72, 8.38
CIE LCh	74, 10.142, 55.665
Yxy	46.2032, 0.3408, 0.3431
Android (android.graphics.Color)	4291211686 (0xFFC6B1A6)
YUV	182.0250, -7.9003, 14.0101
Hunter-Lab	67.9729, 1.5657, 10.4514

Details

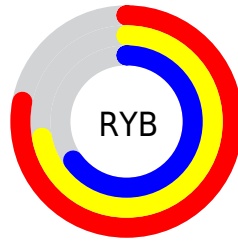
The Yxy color $46.2032, 0.3408, 0.3431$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.7170, 0.2879, 0.3145$, and the grayscale version is $46.8315, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.7583, 0.3357, 0.3410$, and $21.5595, 0.3494, 0.3464$ is the 20% darker color. If you saturate the color by 10%, you get $40.6452, 0.3622, 0.3524$, and if you desaturate by 10%, it is $52.3654, 0.3226, 0.3342$.

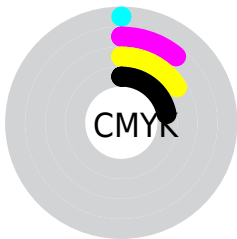
Distribution



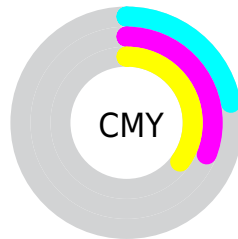
- Red (78%)
- Green (69%)
- Blue (65%)



- Red (78%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (22%)





- Cyan (22%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2032, 0.3408, 0.3431 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 46.2032, 0.3408, 0.3431 by changing the saturation by 10% instead.


 46.2032, 0.3408,
0.3431


 46.2032, 0.3408,
0.3431


371.6250, 0.3267,
0.3362

 32.4062, 0.3444,
0.3448


 84.5230, 0.3356,
0.3406

 21.6719, 0.3489,
0.3469


 109.8146, 0.3337,
0.3397

 13.6161, 0.3551,
0.3497

139.7066, 0.3321,
0.3389

 7.8541, 0.3637,
0.3536

174.5832, 0.3307,
0.3382

 4.0017, 0.3767,
0.3591

214.8290, 0.3295,
0.3376

 1.6745, 0.3983,
0.3676

260.8283, 0.3284,

 0.4071, 0.5640,

0.3371

0.4360

312.9655, 0.3275,
0.3366

0.0000, 0.0000,
0.0000

46.2032, 0.3408,
0.3431

46.2032, 0.3408,
0.3431

40.6452, 0.3622,
0.3524

52.3654, 0.3226,
0.3342

35.6666, 0.3871,
0.3619

59.1434, 0.3071,
0.3259

31.2498, 0.4156,
0.3709

66.5563, 0.2939,
0.3182

27.3738, 0.4476,
0.3788

74.6205, 0.2828,
0.3112

24.0165, 0.4819,
0.3844

82.6916, 0.2784,
0.3150

■ 21.1539, 0.5166,
0.3865

■ 90.6955, 0.2794,
0.3288

■ 18.7596, 0.5491,
0.3840

■ 90.7465, 0.2794,
0.3289

■ 16.8037, 0.5763,
0.3765

■ 16.1586, 0.5857,
0.3731

Harmonies

Analogous

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



46.2032, 0.3378, 0.3313



46.2032, 0.3408, 0.3431



46.2032, 0.3361, 0.3515

Triad

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



46.2032, 0.3408, 0.3431



46.2032, 0.2975, 0.3389



46.2032, 0.3001, 0.3052

Complementary

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



46.2032, 0.3408, 0.3431



47.7170, 0.2879, 0.3145

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.



46.2032, 0.2897, 0.3066



46.2032, 0.3408, 0.3431



46.2032, 0.2883, 0.3258

Square

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



46.2032, 0.3408, 0.3431



46.2032, 0.3109, 0.3494



46.2032, 0.2854, 0.3140



46.2032, 0.3140, 0.3098

Rectangle

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



46.2032, 0.3408, 0.3431



46.2032, 0.3293, 0.3539



46.2032, 0.2854, 0.3140



46.2032, 0.2960, 0.3049

Sweetspot

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



46.2053, 0.3408, 0.3431



93.9862, 0.3207, 0.3333



42.8752, 0.3238, 0.3022



19.9409, 0.3219, 0.3339



0.0000, 0.0000, 0.0000



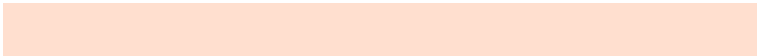
21.4041, 0.3127, 0.3290

Same Dimension

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



46.2053, 0.3408, 0.3431



78.6386, 0.3471, 0.3460



52.7527, 0.3377, 0.3624



11.2239, 0.3281, 0.3370



10.6523, 0.5833, 0.3750



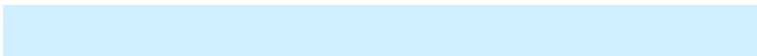
0.6396, 0.5426, 0.4073

Inverse Universe

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



47.7170, 0.2879, 0.3145



81.7593, 0.2831, 0.3114



41.4299, 0.2870, 0.2933



11.4291, 0.2984, 0.3209



13.1736, 0.1926, 0.2134



0.7549, 0.2001, 0.2403

Previews

White Background



This preview shows how the Yxy color 46.2032, 0.3408, 0.3431 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 46.2032, 0.3408, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

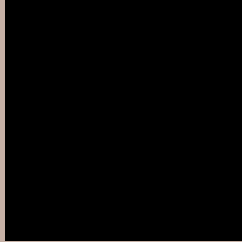
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2032, 0.3408, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 46.2032, 0.3408, 0.3431.



This preview shows how white text looks on a background with the Yxy color 46.2032, 0.3408, 0.3431.

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

46.2032, 0.3408, 0.3431

Protanopia

46.0345, 0.3286, 0.3447

Deuteranopia

46.2505, 0.3467, 0.3404



Tritanopia

46.2775, 0.3259, 0.3129

Trichromacy



Original Color

46.2032, 0.3408, 0.3431

Protanomaly

46.1066, 0.3332, 0.3446

Deuteranomaly

46.3604, 0.3447, 0.3417

Tritanomaly

46.1940, 0.3317, 0.3241

Monochromacy



Original Color

46.2032, 0.3408, 0.3431

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4685, 0.3229, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2032, 0.3408, 0.3431 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(198, 177, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 177, 166)  
}
```

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(198, 177, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 177, 166) }
```

Border

The CSS property to change the border of an element to Yxy 46.2032, 0.3408, 0.3431 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(198, 177, 166) }
```

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

```
.border{ border-color:rgb(198, 177, 166) }
```

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

Here you see how a box with a 4 pixel rgb(198, 177, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 177, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 177, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 177,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2032, 0.3408, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 177, 166) }
```

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

```
.background{ background-color: rgb(198,  
177, 166) }
```

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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