

Converting Colors

$Y_{xy}(46.2829, 0.3138, 0.3515)$

Have a look what the booklet for
Yxy(46.2829, 0.3138, 0.3515)
contains.

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Color

Yxy(46.2204, 0.3134, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	ABB9A9
RGB	171, 185, 169
RGB Percent	67%, 73%, 66%
CMY	0.3294, 0.2745, 0.3373
CMYK	0.08, 0.00, 0.09, 0.27
HSL	112°, 10%, 69%
HSV	112°, 9%, 73%
XYZ	41.3045, 46.2204, 44.2698
YIQ	178.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

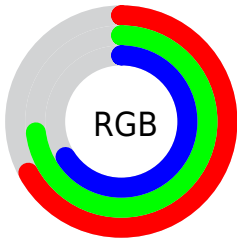
Format	Color
RYB	169, 185, 183
Decimal	11254185
CIELab	73.69, -7.86, 6.47
CIELCh	74, 10.183, 140.553
Yxy	46.2204, 0.3134, 0.3507
Android (android.graphics.Color)	4289444265 (0xFFABB9A9)
YUV	178.9900, -4.9251, -7.0072
Hunter-Lab	67.9856, -10.5276, 8.9823

Details

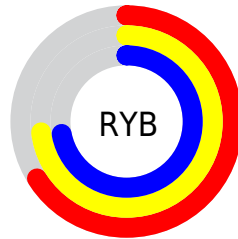
The Yxy color $46.2204, 0.3134, 0.3507$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.9356, 0.3119, 0.3080$, and the grayscale version is $45.1025, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.4612, 0.3132, 0.3468$, and $21.7088, 0.3137, 0.3571$ is the 20% darker color. If you saturate the color by 10%, you get $43.8709, 0.3140, 0.3787$, and if you desaturate by 10%, it is $48.8940, 0.3126, 0.3259$.

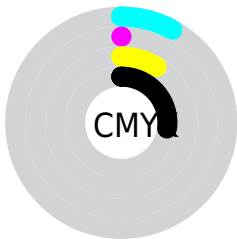
Distribution



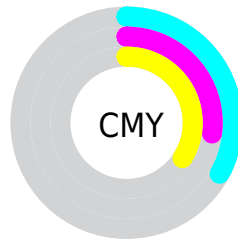
- Red (67%)
- Green (73%)
- Blue (66%)



- Red (66%)
- Yellow (73%)
- Blue (72%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2204, 0.3134, 0.3507 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 46.2204, 0.3134, 0.3507 by changing the saturation by 10% instead.

■ 46.2204, 0.3134,
0.3507

■ 46.2204, 0.3134,
0.3507

■ 371.6940, 0.3131,
0.3397

■ 32.4198, 0.3134,
0.3535

■ 84.5487, 0.3133,
0.3467

■ 21.6823, 0.3135,
0.3571

■ 109.8453, 0.3133,
0.3452

■ 13.6237, 0.3135,
0.3620

■ 139.7425, 0.3133,
0.3439

■ 7.8594, 0.3135,
0.3690

■ 174.6250, 0.3132,
0.3428

■ 4.0051, 0.3134,
0.3797

■ 214.8769, 0.3132,
0.3419

■ 1.6764, 0.3129,
0.3981

■ 260.8828, 0.3132,

■ 0.4083, 0.3245,

0.3410


0.6755


313.0271, 0.3132,
0.3403

 0.0000, 0.0000,
0.0000

 46.2204, 0.3134,
0.3507

 46.2204, 0.3134,
0.3507

 43.8709, 0.3140,
0.3787

 48.8940, 0.3126,
0.3259

 41.8275, 0.3144,
0.4095

 51.8972, 0.3117,
0.3040


 40.0793, 0.3143,
0.4427

 55.2429, 0.3107,
0.2850

 38.6127, 0.3138,
0.4770

 58.9414, 0.3098,
0.2685

 37.4127, 0.3127,
0.5107

 62.5781, 0.3135,
0.2599

■ 36.4631, 0.3110,
0.5415

■ 63.1797, 0.3159,
0.2604

■ 35.7459, 0.3087,
0.5670

■ 35.2406, 0.3061,
0.5853

■ 34.9193, 0.3035,
0.5962

Harmonies

Analogous

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



46.2204, 0.3273, 0.3541



46.2204, 0.3134, 0.3507



46.2204, 0.2995, 0.3410

Triad

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



46.2204, 0.3134, 0.3507



46.2204, 0.2884, 0.3074



46.2204, 0.3366, 0.3292

Complementary

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



46.2204, 0.3134, 0.3507



41.9356, 0.3119, 0.3080

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.



46.2204, 0.3258, 0.3174



46.2204, 0.3134, 0.3507



46.2204, 0.2979, 0.3049

Square

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



46.2204, 0.3134, 0.3507



46.2204, 0.2853, 0.3157



46.2204, 0.3115, 0.3086



46.2204, 0.3410, 0.3413

Rectangle

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



46.2204, 0.3134, 0.3507



46.2204, 0.2921, 0.3325



46.2204, 0.3115, 0.3086



46.2204, 0.3336, 0.3251

Sweetspot

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



46.2224, 0.3134, 0.3507



85.3931, 0.3130, 0.3364



46.9911, 0.3257, 0.3472



18.3259, 0.3130, 0.3384



93.3107, 0.3127, 0.3290



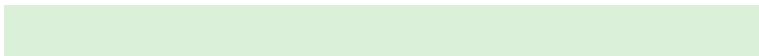
18.7317, 0.3127, 0.3290

Same Dimension

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



46.2224, 0.3134, 0.3507



82.1111, 0.3135, 0.3547



46.2220, 0.3072, 0.3427



10.1131, 0.3134, 0.3525



23.7717, 0.3038, 0.5970



0.8558, 0.3162, 0.5871

Inverse Universe

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



41.9356, 0.3119, 0.3080



73.1940, 0.3117, 0.3043



41.9431, 0.3187, 0.3157



9.1035, 0.3118, 0.3063



7.6076, 0.2896, 0.1369



0.2844, 0.2982, 0.1416

Previews

White Background



This preview shows how the Yxy color 46.2204, 0.3134, 0.3507 looks on a white background.

Color Contrast Check

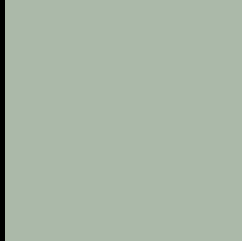
Large Text (above 18pt) WCAG AA × Fail

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 46.2204, 0.3134, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

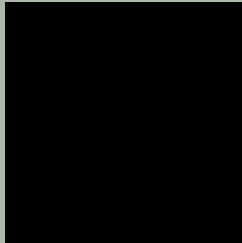
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2204, 0.3134, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 46.2204, 0.3134, 0.3507.



This preview shows how white text looks on a background with the Yxy color 46.2204, 0.3134, 0.3507.

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

46.2204, 0.3134, 0.3507

Protanopia

45.9605, 0.3303, 0.3474

Deuteranopia

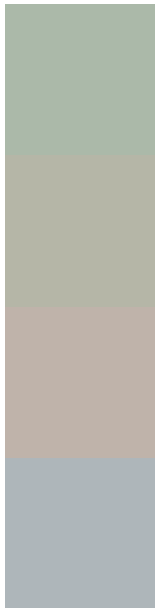
46.1568, 0.3405, 0.3341



Tritanopia

46.1018, 0.2969, 0.3107

Trichromacy



Original Color

46.2204, 0.3134, 0.3507

Protanomaly

46.0697, 0.3239, 0.3489

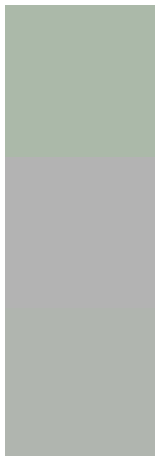
Deuteranomaly

46.2188, 0.3307, 0.3407

Tritanomaly

45.9997, 0.3029, 0.3237

Monochromacy



Original Color

46.2204, 0.3134, 0.3507

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.3730, 0.3132, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2204, 0.3134, 0.3507 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(171, 185, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 185, 169)  
}
```

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(171, 185, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 185, 169) }
```

Border

The CSS property to change the border of an element to Yxy 46.2204, 0.3134, 0.3507 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(171, 185, 169) }
```

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

```
.border{ border-color:rgb(171, 185, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 185, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 185, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 185, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 185,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2204, 0.3134, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 185, 169) }
```

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

```
.background{ background-color: rgb(171,  
185, 169) }
```

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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