

Converting Colors

$Yxy(46.2019, 0.3034, 0.3553)$

Have a look what the booklet for
Yxy(46.2019, 0.3034, 0.3553)
contains.

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Color

Yxy(46.2019, 0.3034, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	9FBCA9
RGB	159, 188, 169
RGB Percent	62%, 74%, 66%
CMY	0.3762, 0.2628, 0.3372
CMYK	0.15, 0.00, 0.10, 0.26
HSL	141°, 18%, 68%
HSV	141°, 15%, 74%
XYZ	39.4530, 46.2019, 44.3814
YIQ	177.1630, -11.1850, -12.0570

Conversions

Conversions Part 2

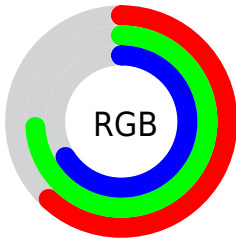
Format	Color
RYB	159, 181, 188
Decimal	10468521
CIELab	73.68, -13.56, 6.32
CIELCh	74, 14.960, 154.989
Yxy	46.2019, 0.3034, 0.3553
Android (android.graphics.Color)	4288658601 (0xFF9FBCA9)
YUV	177.1630, -4.0244, -15.9290
Hunter-Lab	67.9720, -15.3441, 8.8678

Details

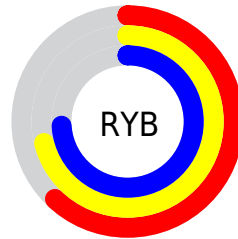
The Yxy color $46.2019, 0.3034, 0.3553$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $38.7240, 0.3234, 0.3041$, and the grayscale version is $44.0894, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.3793, 0.3053, 0.3503$, and $21.7381, 0.3002, 0.3638$ is the 20% darker color. If you saturate the color by 10%, you get $43.9833, 0.2975, 0.3750$, and if you desaturate by 10%, it is $48.7604, 0.3094, 0.3377$.

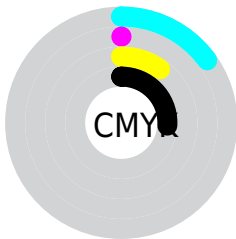
Distribution



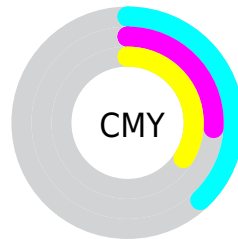
- Red (62%)
- Green (74%)
- Blue (66%)



- Red (62%)
- Yellow (71%)
- Blue (74%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)





- Cyan (38%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2019, 0.3034, 0.3553 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 46.2019, 0.3034, 0.3553 by changing the saturation by 10% instead.

 46.2019, 0.3034,
0.3553


 46.2019, 0.3034,
0.3553


371.6198, 0.3082,
0.3419

 32.4052, 0.3022,
0.3587


 84.5211, 0.3052,
0.3504

 21.6712, 0.3005,
0.3632


 109.8123, 0.3058,
0.3485

 13.6155, 0.2984,
0.3693

139.7039, 0.3064,
0.3470

 7.8537, 0.2952,
0.3779

174.5801, 0.3068,
0.3457

 4.0015, 0.2903,
0.3913

214.8254, 0.3073,
0.3445

 1.6744, 0.2816,
0.4146

260.8242, 0.3076,

 0.4070, 0.1205,

0.3435

0.8775

312.9608, 0.3079,
0.3427

0.0000, 0.0000,
0.0000

46.2019, 0.3034,
0.3553

46.2019, 0.3034,
0.3553

43.9833, 0.2975,
0.3750

48.7604, 0.3094,
0.3377

42.0844, 0.2921,
0.3967

51.6665, 0.3155,
0.3220

40.4917, 0.2874,
0.4201


54.9348, 0.3214,
0.3083

39.1886, 0.2837,
0.4448


58.5773, 0.3272,
0.2962

38.1565, 0.2814,
0.4701


62.6057, 0.3327,
0.2857


 37.3751, 0.2806,
0.4951

 63.6924, 0.3247,
0.2743

 36.8206, 0.2817,
0.5187

 64.4412, 0.3158,
0.2634

 36.4640, 0.2843,
0.5398

 36.3391, 0.2857,
0.5487

Harmonies

Analogous

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



46.2019, 0.3245, 0.3652



46.2019, 0.3034, 0.3553



46.2019, 0.2853, 0.3377

Triad

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



46.2019, 0.3034, 0.3553



46.2019, 0.2828, 0.2945



46.2019, 0.3525, 0.3377

Complementary

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



46.2019, 0.3034, 0.3553



38.7240, 0.3234, 0.3041

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.



46.2019, 0.3406, 0.3199



46.2019, 0.3034, 0.3553



46.2019, 0.3000, 0.2955

Square

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



46.2019, 0.3034, 0.3553



46.2019, 0.2736, 0.3025



46.2019, 0.3212, 0.3047



46.2019, 0.3533, 0.3540

Rectangle

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



46.2019, 0.3034, 0.3553



46.2019, 0.2771, 0.3245



46.2019, 0.3212, 0.3047



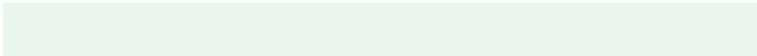
46.2019, 0.3496, 0.3317

Sweetspot

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



46.2039, 0.3034, 0.3553



88.5346, 0.3096, 0.3372



47.9727, 0.3271, 0.3676



18.9642, 0.3092, 0.3383



95.5105, 0.3127, 0.3290



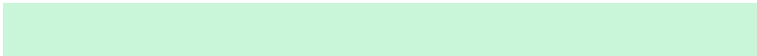
19.5994, 0.3127, 0.3290

Same Dimension

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



46.2039, 0.3034, 0.3553



82.5173, 0.3017, 0.3608



46.7646, 0.2931, 0.3355



10.7024, 0.3070, 0.3444



24.7579, 0.2851, 0.5464



0.9823, 0.2709, 0.4953

Inverse Universe

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



38.7240, 0.3234, 0.3041



66.7198, 0.3257, 0.2992



38.1844, 0.3366, 0.3226



9.6390, 0.3189, 0.3141



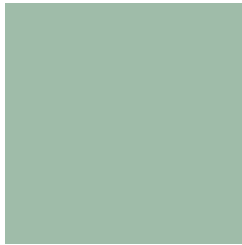
8.2728, 0.4300, 0.2142



0.3359, 0.3976, 0.1964

Previews

White Background



This preview shows how the Yxy color 46.2019, 0.3034, 0.3553 looks on a white background.

Color Contrast Check

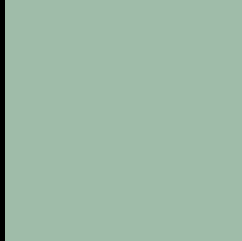
Large Text (above 18pt) WCAG AA × Fail

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 46.2019, 0.3034, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

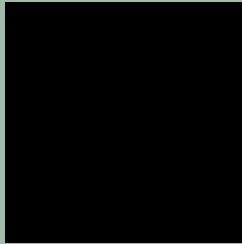
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

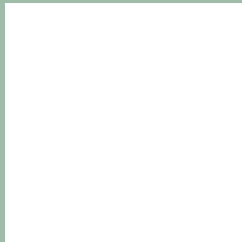
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2019, 0.3034, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 46.2019, 0.3034, 0.3553.



This preview shows how white text looks on a background with the Yxy color 46.2019, 0.3034, 0.3553.

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

46.2019, 0.3034, 0.3553

Protanopia

46.0505, 0.3320, 0.3487

Deuteranopia

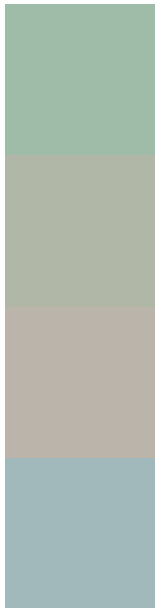
46.0560, 0.3387, 0.3328



Tritanopia

46.2507, 0.2862, 0.3104

Trichromacy



Original Color

46.2019, 0.3034, 0.3553

Protanomaly

45.9673, 0.3211, 0.3518

Deuteranomaly

46.0219, 0.3252, 0.3408

Tritanomaly

45.9672, 0.2925, 0.3262

Monochromacy



Original Color

46.2019, 0.3034, 0.3553

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.6498, 0.3089, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2019, 0.3034, 0.3553 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(159, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(159, 188, 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(159, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 188, 169) }
```

Border

The CSS property to change the border of an element to Yxy 46.2019, 0.3034, 0.3553 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(159, 188, 169) }
```

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

```
.border{ border-color:rgb(159, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(159, 188,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2019, 0.3034, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 188, 169) }
```

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

```
.background{ background-color: rgb(159,  
188, 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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