

Converting Colors

$Yxy(46.3464, 0.2781, 0.3116)$

Have a look what the booklet for
Yxy(46.3464, 0.2781, 0.3116)
contains.

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Color

Yxy(46.1114, 0.2782, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	9ABAC7
RGB	154, 186, 199
RGB Percent	60%, 73%, 78%
CMY	0.3961, 0.2706, 0.2195
CMYK	0.23, 0.07, 0.00, 0.22
HSL	197°, 29%, 69%
HSV	197°, 23%, 78%
XYZ	41.1952, 46.1114, 60.7711
YIQ	177.9140, -23.2450, -2.7410

Conversions

Conversions Part 2

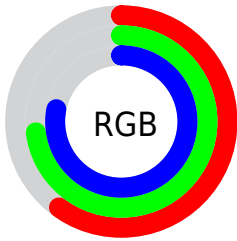
Format	Color
RYB	154, 173, 199
Decimal	10140359
CIELab	73.62, -7.89, -10.15
CIELCh	74, 12.862, 232.140
Yxy	46.1114, 0.2782, 0.3114
Android (android.graphics.Color)	4288330439 (0xFF9ABAC7)
YUV	177.9140, 10.3954, -20.9726
Hunter-Lab	67.9054, -10.5463, -5.5271

Details

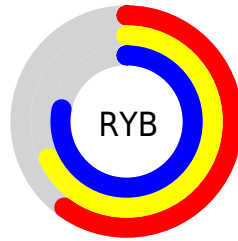
The Yxy color **46.1114, 0.2782, 0.3114** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1198, 0.3549, 0.3459**, and the grayscale version is **44.4275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2796, 0.2847, 0.3154**, and **21.6442, 0.2689, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **41.9441, 0.2634, 0.3024**, and if you desaturate by 10%, it is **50.7038, 0.2934, 0.3197**.

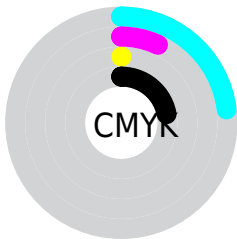
Distribution



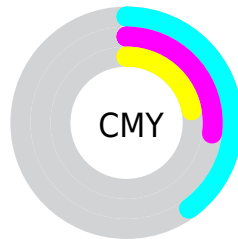
- Red (60%)
- Green (73%)
- Blue (78%)



- Red (60%)
- Yellow (68%)
- Blue (78%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1114, 0.2782, 0.3114 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 46.1114, 0.2782, 0.3114 by changing the saturation by 10% instead.

■ 46.1114, 0.2782,
0.3114

■ 46.1114, 0.2782,
0.3114

■ 371.2563, 0.2953,
0.3204

■ 32.3337, 0.2740,
0.3091

■ 84.3857, 0.2844,
0.3147

■ 21.6165, 0.2686,
0.3061

■ 109.6511, 0.2867,
0.3159

■ 13.5754, 0.2615,
0.3021

■ 139.5146, 0.2887,
0.3170

■ 7.8260, 0.2517,
0.2964

■ 174.3605, 0.2904,
0.3179

■ 3.9838, 0.2373,
0.2878

■ 214.5732, 0.2919,
0.3186

■ 1.6645, 0.2144,
0.2732

■ 260.5372, 0.2931,

■ 0.4005, 0.1077,

0.3193

0.2294

312.6367, 0.2943,
0.3199

0.0000, 0.0000,
0.0000

46.1114, 0.2782,
0.3114

46.1114, 0.2782,
0.3114

41.9441, 0.2634,
0.3024

50.7038, 0.2934,
0.3197

38.1791, 0.2493,
0.2928

55.7317, 0.3087,
0.3272

34.8000, 0.2363,
0.2826

61.2120, 0.3239,
0.3339

31.7866, 0.2248,
0.2720

67.1588, 0.3387,
0.3399

29.1163, 0.2149,
0.2612

73.5857, 0.3531,
0.3453

■ 26.7636, 0.2070,
0.2503

■ 76.8452, 0.3530,
0.3510

■ 24.6979, 0.2011,
0.2394

■ 79.9268, 0.3518,
0.3567

■ 23.3171, 0.1977,
0.2315

■ 83.1136, 0.3506,
0.3623

■ 86.4063, 0.3494,
0.3679

Harmonies

Analogous

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



46.1114, 0.2828, 0.3268



46.1114, 0.2782, 0.3114



46.1114, 0.2825, 0.3013

Triad

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



46.1114, 0.2782, 0.3114



46.1114, 0.3301, 0.3151



46.1114, 0.3303, 0.3609

Complementary

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



46.1114, 0.2782, 0.3114



42.1198, 0.3549, 0.3459

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.



46.1114, 0.3435, 0.3566



46.1114, 0.2782, 0.3114



46.1114, 0.3435, 0.3300

Square

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



46.1114, 0.2782, 0.3114



46.1114, 0.3121, 0.3038



46.1114, 0.3485, 0.3451



46.1114, 0.3125, 0.3562

Rectangle

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



46.1114, 0.2782, 0.3114



46.1114, 0.2899, 0.2987



46.1114, 0.3485, 0.3451



46.1114, 0.3354, 0.3604

Sweetspot

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



46.1133, 0.2782, 0.3114



93.5221, 0.3019, 0.3239



50.5053, 0.3010, 0.3734



19.9020, 0.3009, 0.3234



0.0000, 0.0000, 0.0000



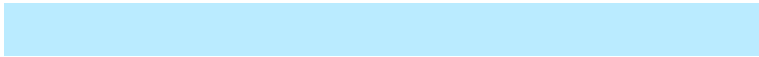
21.4041, 0.3127, 0.3290

Same Dimension

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



46.1133, 0.2782, 0.3114



77.1499, 0.2711, 0.3072



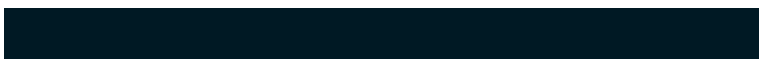
37.4571, 0.2758, 0.2803



11.5295, 0.2984, 0.3222



15.1473, 0.1981, 0.2330



0.8372, 0.2043, 0.2554

Inverse Universe

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



38.8008, 0.3272, 0.2887



62.4448, 0.3309, 0.2799



50.9857, 0.3490, 0.3734



10.7623, 0.3181, 0.3127



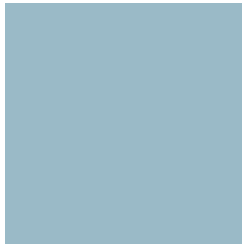
9.0691, 0.4095, 0.2030



0.4415, 0.3869, 0.1905

Previews

White Background



This preview shows how the Yxy color 46.1114, 0.2782, 0.3114 looks on a white background.

Color Contrast Check

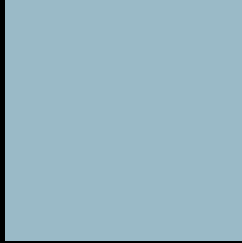
Large Text (above 18pt) WCAG AA × Fail

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 46.1114, 0.2782, 0.3114 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

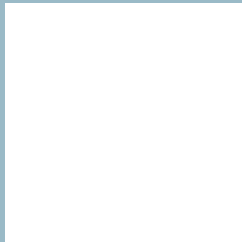
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1114, 0.2782, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 46.1114, 0.2782, 0.3114.



This preview shows how white text looks on a background with the Yxy color 46.1114, 0.2782, 0.3114.

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

46.1114, 0.2782, 0.3114

Protanopia

45.7640, 0.3002, 0.3083

Deuteranopia

45.9591, 0.3031, 0.2976



Tritanopia

46.2049, 0.2769, 0.3088

Trichromacy



Original Color

46.1114, 0.2782, 0.3114

Protanomaly

45.9875, 0.2922, 0.3106

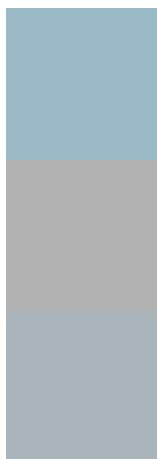
Deuteranomaly

46.0428, 0.2940, 0.3032

Tritanomaly

46.1580, 0.2775, 0.3101

Monochromacy



Original Color

46.1114, 0.2782, 0.3114

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.0279, 0.2988, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1114, 0.2782, 0.3114 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(154, 186, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 186, 199)  
}
```

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(154, 186, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 186, 199) }
```

Border

The CSS property to change the border of an element to Yxy 46.1114, 0.2782, 0.3114 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(154, 186, 199) }
```

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

```
.border{ border-color:rgb(154, 186, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 186, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 186, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 186, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 186,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1114, 0.2782, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 186, 199) }
```

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

```
.background{ background-color: rgb(154,  
186, 199) }
```

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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