

Converting Colors

$Yxy(60.1595, 0.3024, 0.3462)$

Have a look what the booklet for
Yxy(60.1595, 0.3024, 0.3462)
contains.

Yxy(60.1460, 0.3024, 0.3462)	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(60.1460, 0.3024, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	B7D2C4
RGB	183, 210, 196
RGB Percent	72%, 82%, 77%
CMY	0.2823, 0.1764, 0.2315
CMYK	0.13, 0.00, 0.07, 0.18
HSL	149°, 23%, 77%
HSV	149°, 13%, 82%
XYZ	52.5365, 60.1460, 61.0494
YIQ	200.3310, -11.5980, -10.0780

Conversions

Conversions Part 2

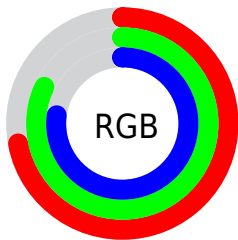
Format	Color
RYB	183, 201, 210
Decimal	12047044
CIELab	81.92, -11.72, 3.90
CIElCh	82, 12.351, 161.572
Yxy	60.1460, 0.3024, 0.3462
Android (android.graphics.Color)	4290237124 (0xFFB7D2C4)
YUV	200.3310, -2.1352, -15.1993
Hunter-Lab	77.5539, -14.7997, 7.6154

Details

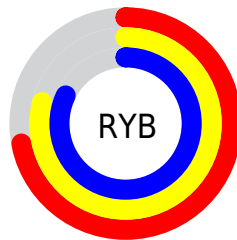
The Yxy color **60.1460, 0.3024, 0.3462** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.6032, 0.3245, 0.3124**, and the grayscale version is **57.9928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9626, 0.3041, 0.3309**, and **30.4758, 0.3001, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **57.2836, 0.2947, 0.3614**, and if you desaturate by 10%, it is **63.4338, 0.3104, 0.3326**.

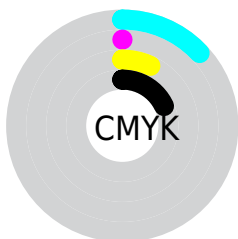
Distribution



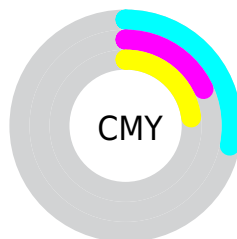
- Red (72%)
- Green (82%)
- Blue (77%)



- Red (72%)
- Yellow (79%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)




- Cyan (28%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1460, 0.3024, 0.3462 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 60.1460, 0.3024, 0.3462 by changing the saturation by 10% instead.

 60.1460, 0.3024,
0.3462

 60.1460, 0.3024,
0.3462


425.1357, 0.3074,
0.3379

 43.5363, 0.3012,
0.3482


 105.0414, 0.3042,
0.3432

 30.3062, 0.2997,
0.3507


134.0960, 0.3049,
0.3421

 20.0711, 0.2977,
0.3541


168.0676, 0.3054,
0.3411

 12.4467, 0.2950,
0.3586

207.3407, 0.3059,
0.3403

 7.0487, 0.2912,
0.3651

252.2997, 0.3064,
0.3396

 3.4926, 0.2853,
0.3752

303.3289, 0.3068,

 1.3940, 0.2748,

0.3389

0.3931

360.8128, 0.3071,
0.3384

0.2123, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.1460, 0.3024,
0.3462

60.1460, 0.3024,
0.3462

57.2836, 0.2947,
0.3614

63.4338, 0.3104,
0.3326

54.8213, 0.2875,
0.3780


67.1561, 0.3185,
0.3205

52.7427, 0.2811,
0.3961


71.3311, 0.3265,
0.3098

51.0270, 0.2759,
0.4154


73.6254, 0.3254,
0.2996

 49.6518, 0.2722,
0.4356


 74.2923, 0.3178,
0.2893

 48.5917, 0.2703,
0.4560

 74.5766, 0.3148,
0.2851

 47.8179, 0.2703,
0.4763

 47.2954, 0.2724,
0.4956

 47.0341, 0.2747,
0.5088

Harmonies

Analogous

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



60.1460, 0.3183, 0.3551



60.1460, 0.3024, 0.3462



60.1460, 0.2895, 0.3324

Triad

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



60.1460, 0.3024, 0.3462



60.1460, 0.2925, 0.3023



60.1460, 0.3436, 0.3387

Complementary

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



60.1460, 0.3024, 0.3462



51.6032, 0.3245, 0.3124

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.



60.1460, 0.3363, 0.3251



60.1460, 0.3024, 0.3462



60.1460, 0.3066, 0.3045

Square

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



60.1460, 0.3024, 0.3462



60.1460, 0.2839, 0.3071



60.1460, 0.3227, 0.3127



60.1460, 0.3423, 0.3503

Rectangle

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



60.1460, 0.3024, 0.3462



60.1460, 0.2842, 0.3226



60.1460, 0.3227, 0.3127



60.1460, 0.3421, 0.3342

Sweetspot

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



60.1485, 0.3024, 0.3462



97.7799, 0.3094, 0.3341



61.4406, 0.3220, 0.3615



20.8422, 0.3088, 0.3351



0.0000, 0.0000, 0.0000



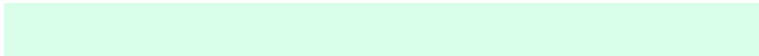
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1485, 0.3024, 0.3462



92.2389, 0.3006, 0.3496



60.7729, 0.2938, 0.3300



13.2995, 0.3051, 0.3413



28.7081, 0.2739, 0.5061



1.6212, 0.2643, 0.4715

Inverse Universe

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



51.6032, 0.3245, 0.3124



76.8494, 0.3269, 0.3093



51.0270, 0.3352, 0.3280



11.9094, 0.3210, 0.3170



9.0532, 0.4862, 0.2452



0.5222, 0.4478, 0.2240

Previews

White Background



This preview shows how the Yxy color 60.1460, 0.3024, 0.3462 looks on a white background.

Color Contrast Check

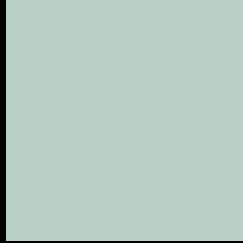
Large Text (above 18pt) WCAG AA × Fail

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 60.1460, 0.3024, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

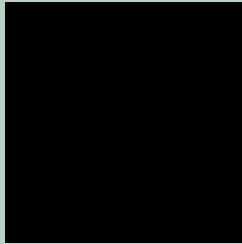
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

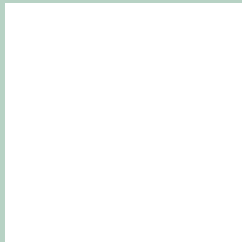
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1460, 0.3024, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 60.1460, 0.3024, 0.3462.

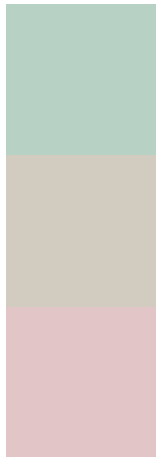


This preview shows how white text looks on a background with the Yxy color 60.1460, 0.3024, 0.3462.

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

60.1460, 0.3024, 0.3462

Protanopia

60.2193, 0.3262, 0.3419

Deuteranopia

60.0636, 0.3337, 0.3268



Tritanopia

60.1079, 0.2888, 0.3101

Trichromacy



Original Color

60.1460, 0.3024, 0.3462

Protanomaly

60.2722, 0.3173, 0.3445

Deuteranomaly

60.0199, 0.3219, 0.3337

Tritanomaly

59.8688, 0.2933, 0.3218

Monochromacy



Original Color

60.1460, 0.3024, 0.3462

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7786, 0.3086, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1460, 0.3024, 0.3462 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(183, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(183, 210, 196)  
}
```

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(183, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 210, 196) }
```

Border

The CSS property to change the border of an element to Yxy 60.1460, 0.3024, 0.3462 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(183, 210, 196) }
```

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

```
.border{ border-color:rgb(183, 210, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(183, 210,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1460, 0.3024, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 210, 196) }
```

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

```
.background{ background-color: rgb(183,  
210, 196) }
```

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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