

Converting Colors

$Yxy(52.7116, 0.3090, 0.3728)$

Have a look what the booklet for
Yxy(52.7116, 0.3090, 0.3728)
contains.

| | |
|---|----|
| Yxy(52.7074, 0.3091, 0.3730) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(52.7074, 0.3091, 0.3730)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A6C9A8 |
| RGB | 166, 201, 168 |
| RGB Percent | 65%, 79%, 66% |
| CMY | 0.3491, 0.2117, 0.3411 |
| CMYK | 0.17, 0.00, 0.16, 0.21 |
| HSL | 123°, 24%, 72% |
| HSV | 123°, 17%, 79% |
| XYZ | 43.6779, 52.7074, 44.9214 |
| YIQ | 186.7730, -10.2670, -17.6830 |

Conversions

Conversions Part 2

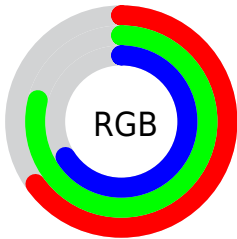
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 166, 199, 201 |
| Decimal | 10930600 |
| CIE _{Lab} | 77.70, -18.04, 12.67 |
| CIE _{LCh} | 78, 22.046, 144.932 |
| Yxy | 52.7074, 0.3091, 0.3730 |
| Android (android.graphics.Color) | 4289120680 (0xFFA6C9A8) |
| YUV | 186.7730, -9.2551, -18.2179 |
| Hunter-Lab | 72.5999, -19.6597, 14.1340 |

Details

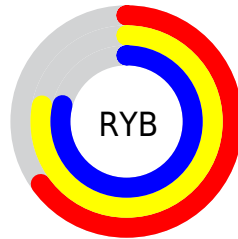
The Yxy color **52.7074, 0.3091, 0.3730** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.8068, 0.3164, 0.2886**, and the grayscale version is **49.6164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2199, 0.3099, 0.3623**, and **25.7058, 0.3080, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **50.0495, 0.3069, 0.4026**, and if you desaturate by 10%, it is **55.8121, 0.3112, 0.3466**.

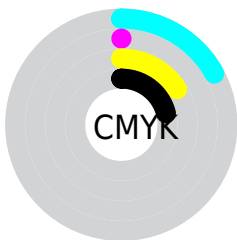
Distribution



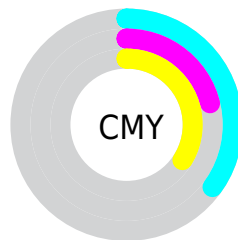
- Red (65%)
- Green (79%)
- Blue (66%)



- Red (65%)
- Yellow (78%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)




- Cyan (35%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7074, 0.3091, 0.3730 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 52.7074, 0.3091, 0.3730 by changing the saturation by 10% instead.

 52.7074, 0.3091,
0.3730


 52.7074, 0.3091,
0.3730


397.1615, 0.3112,
0.3508

 37.5692, 0.3085,
0.3786


 94.1737, 0.3099,
0.3649

 25.6485, 0.3077,
0.3858


 121.2706, 0.3102,
0.3619

 16.5609, 0.3065,
0.3954


153.1225, 0.3104,
0.3593

 9.9219, 0.3047,
0.4089

190.1139, 0.3106,
0.3571

 5.3472, 0.3016,
0.4293

232.6291, 0.3108,
0.3552

 2.4524, 0.2957,
0.4631

281.0525, 0.3109,

 0.8527, 0.2923,

0.3536


0.6738


335.7685, 0.3111,
0.3521


 0.0000, 0.0000,
0.0000


 52.7074, 0.3091,
0.3730

 52.7074, 0.3091,
0.3730


 50.0495, 0.3069,
0.4026


 55.8121, 0.3112,
0.3466

 47.8114, 0.3047,
0.4349


 59.3757, 0.3132,
0.3233

 45.9738, 0.3026,
0.4689

 63.4182, 0.3150,
0.3031

 44.5130, 0.3009,
0.5029

 67.9564, 0.3167,
0.2857

 43.4027, 0.2995,
0.5347

 70.2572, 0.3152,
0.2762

■ 42.6137, 0.2988,
0.5618

■ 42.1114, 0.2987,
0.5822

■ 41.8495, 0.2991,
0.5946

■ 41.8028, 0.2991,
0.5967

Harmonies

Analogous

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



52.7074, 0.3384, 0.3818



52.7074, 0.3091, 0.3730



52.7074, 0.2816, 0.3504

Triad

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



52.7074, 0.3091, 0.3730



52.7074, 0.2652, 0.2831



52.7074, 0.3650, 0.3322

Complementary

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



52.7074, 0.3091, 0.3730



43.8068, 0.3164, 0.2886

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.



52.7074, 0.3436, 0.3084



52.7074, 0.3091, 0.3730



52.7074, 0.2856, 0.2807

Square

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



52.7074, 0.3091, 0.3730



52.7074, 0.2571, 0.2976



52.7074, 0.3142, 0.2899



52.7074, 0.3716, 0.3564

Rectangle

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



52.7074, 0.3091, 0.3730



52.7074, 0.2679, 0.3316



52.7074, 0.3142, 0.2899



52.7074, 0.3592, 0.3240

Sweetspot

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



52.7096, 0.3091, 0.3730



96.9119, 0.3117, 0.3408



56.7069, 0.3372, 0.3721



20.6538, 0.3116, 0.3425



0.0000, 0.0000, 0.0000



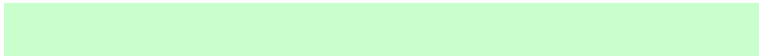
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7096, 0.3091, 0.3730



88.3861, 0.3083, 0.3841



53.3953, 0.2972, 0.3496



11.8977, 0.3108, 0.3515



26.2862, 0.2988, 0.5958



1.2482, 0.2947, 0.5810

Inverse Universe

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



43.8068, 0.3164, 0.2886



70.2652, 0.3173, 0.2795



43.0510, 0.3315, 0.3093



10.8056, 0.3146, 0.3075



10.1323, 0.3358, 0.1624



0.4831, 0.3324, 0.1605

Previews

White Background



This preview shows how the Yxy color 52.7074, 0.3091, 0.3730 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 52.7074, 0.3091, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

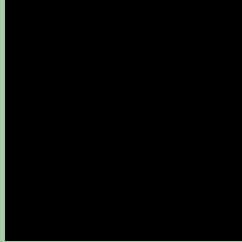
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7074, 0.3091, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 52.7074, 0.3091, 0.3730.



This preview shows how white text looks on a background with the Yxy color 52.7074, 0.3091, 0.3730.

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

52.7074, 0.3091, 0.3730

Protanopia

52.4625, 0.3439, 0.3638

Deuteranopia

52.3899, 0.3518, 0.3457



Tritanopia

52.6176, 0.2847, 0.3089

Trichromacy



Original Color

52.7074, 0.3091, 0.3730

Protanomaly

52.5656, 0.3305, 0.3673

Deuteranomaly

52.1696, 0.3349, 0.3553

Tritanomaly

52.4187, 0.2934, 0.3315

Monochromacy



Original Color

52.7074, 0.3091, 0.3730

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5783, 0.3112, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7074, 0.3091, 0.3730 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(166, 201, 168)` looks like.

```
.text, #text, p{  
    color:rgb(166, 201, 168)  
}
```

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(166, 201, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 201, 168) }
```

Border

The CSS property to change the border of an element to Yxy 52.7074, 0.3091, 0.3730 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(166, 201, 168) }
```

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

```
.border{ border-color:rgb(166, 201, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 201, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 201, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 201, 168);  
box-shadow:4px 4px 4px 4px rgb(166, 201,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7074, 0.3091, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 201, 168) }
```

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

```
.background{ background-color: rgb(166,  
201, 168) }
```

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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