

Converting Colors

$Y_{xy}(14.2398, 0.5092, 0.3202)$

Have a look what the booklet for
Yxy(14.2398, 0.5092, 0.3202)
contains.

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Color

Yxy(14.3121, 0.5101, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	B84047
RGB	184, 64, 71
RGB Percent	72%, 25%, 28%
CMY	0.2785, 0.7490, 0.7216
CMYK	0.00, 0.65, 0.61, 0.28
HSL	357°, 48%, 49%
HSV	357°, 65%, 72%
XYZ	22.7362, 14.3121, 7.5238
YIQ	100.6780, 69.2730, 27.6170

Conversions

Conversions Part 2

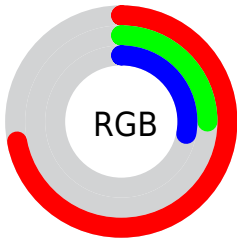
Format	Color
RYB	184, 64, 71
Decimal	12075079
CIELab	44.68, 48.84, 22.55
CIElCh	45, 53.795, 24.778
Yxy	14.3121, 0.5101, 0.3211
Android (android.graphics.Color)	4290265159 (0xFFB84047)
YUV	100.6780, -14.6313, 73.0734
Hunter-Lab	37.8313, 41.0717, 14.6905

Details

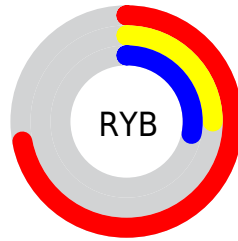
The Yxy color **14.3121, 0.5101, 0.3211** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **38.5431, 0.2399, 0.3400**, and the grayscale version is **12.9532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7013, 0.4625, 0.3284**, and **4.4438, 0.5932, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **12.3768, 0.5559, 0.3217**, and if you desaturate by 10%, it is **16.9969, 0.4651, 0.3215**.

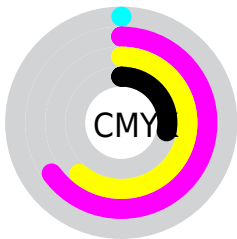
Distribution



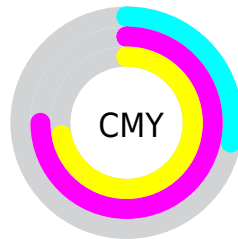
- Red (72%)
- Green (25%)
- Blue (28%)



- Red (72%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (61%)
- Black (28%)





- Cyan (28%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3121, 0.5101, 0.3211 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 14.3121, 0.5101, 0.3211 by changing the saturation by 10% instead.


 14.3121, 0.5101,
0.3211

 14.3121, 0.5101,
0.3211


219.1639, 0.3924,
0.3322


 8.3381, 0.5465,
0.3139


 33.6418, 0.4622,
0.3278


 4.3120, 0.5972,
0.3006

 47.7662, 0.4458,
0.3294


 1.8496, 0.6885,
0.2821

 65.3762, 0.4325,
0.3305

 0.5178, 0.7941,
0.2059

 86.8562, 0.4216,
0.3311

 0.0000, 1.0000,
0.0000

 112.5906, 0.4125,
0.3316

 0.0000, 0.0000,
0.0000

142.9637, 0.4048,

0.3319

178.3600, 0.3982,
0.3320

■ 14.3121, 0.5101,
0.3211

■ 14.3121, 0.5101,
0.3211

■ 12.3768, 0.5559,
0.3217

■ 16.9969, 0.4651,
0.3215

■ 11.1127, 0.5962,
0.3234

■ 20.4943, 0.4246,
0.3225

■ 10.4278, 0.6247,
0.3261

■ 24.8638, 0.3902,
0.3238

■ 10.2128, 0.6339,
0.3266

■ 30.1584, 0.3620,
0.3253

■ 36.4270, 0.3391,
0.3269

■ 43.7150, 0.3208,
0.3283

■ 52.0651, 0.3061,
0.3296

■ 61.5174, 0.2942,
0.3308

■ 72.1099, 0.2846,
0.3320

Harmonies

Analogous

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



14.3121, 0.4250, 0.2557



14.3121, 0.5101, 0.3211



14.3121, 0.5232, 0.3933

Triad

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



14.3121, 0.5101, 0.3211



14.3121, 0.2841, 0.5191



14.3121, 0.1586, 0.1766

Complementary

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



14.3121, 0.5101, 0.3211



38.5431, 0.2399, 0.3400

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.



14.3121, 0.1365, 0.2097



14.3121, 0.5101, 0.3211



14.3121, 0.1974, 0.4131

Square

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



14.3121, 0.5101, 0.3211



14.3121, 0.3837, 0.5290



14.3121, 0.1475, 0.2885



14.3121, 0.2154, 0.1768

Rectangle

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



14.3121, 0.5101, 0.3211



14.3121, 0.4942, 0.4440



14.3121, 0.1475, 0.2885



14.3121, 0.1476, 0.1834

Sweetspot

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



14.3129, 0.5101, 0.3211



59.9864, 0.3502, 0.3261



16.3585, 0.3094, 0.1783



12.2653, 0.3568, 0.3257



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.



14.3129, 0.5101, 0.3211



21.3605, 0.5735, 0.3223



23.0519, 0.4655, 0.3983



9.0205, 0.3279, 0.3277



7.0429, 0.6326, 0.3258



0.2512, 0.6040, 0.3101

Inverse Universe

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



14.3129, 0.5101, 0.3211



21.3605, 0.5735, 0.3223



21.0542, 0.2149, 0.2380



9.0205, 0.3279, 0.3277



7.0429, 0.6326, 0.3258



0.2512, 0.6040, 0.3101

Previews

White Background



This preview shows how the Yxy color 14.3121, 0.5101, 0.3211 looks on a white 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

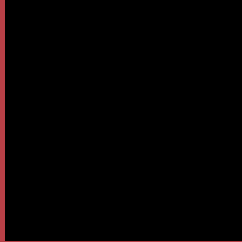
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3121, 0.5101, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 14.3121, 0.5101, 0.3211.



This preview shows how white text looks on a background with the Yxy color 14.3121, 0.5101, 0.3211.

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

14.3121, 0.5101, 0.3211

Protanopia

14.4741, 0.3441, 0.3651

Deuteranopia

14.5515, 0.4061, 0.4004



Tritanopia

14.2745, 0.5152, 0.3248

Trichromacy



Original Color

14.3121, 0.5101, 0.3211

Protanomaly

13.4946, 0.4038, 0.3460

Deuteranomaly

13.7743, 0.4476, 0.3649

Tritanomaly

14.2868, 0.5135, 0.3236

Monochromacy



Original Color

14.3121, 0.5101, 0.3211

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.5429, 0.3811, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3121, 0.5101, 0.3211 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(184, 64, 71)` looks like.

```
.text, #text, p{  
    color:rgb(184, 64, 71)  
}
```

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(184, 64, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 64, 71) }
```

Border

The CSS property to change the border of an element to Yxy 14.3121, 0.5101, 0.3211 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(184, 64, 71) }
```

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

```
.border{ border-color:rgb(184, 64, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 64, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 64, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 64, 71);  
box-shadow:4px 4px 4px 4px rgb(184, 64,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3121, 0.5101, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 64, 71) }
```

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

```
.background{ background-color: rgb(184, 64,  
71) }
```

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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