

Converting Colors

$Yxy(15.9446, 0.4246, 0.3063)$

Have a look what the booklet for
Yxy(15.9446, 0.4246, 0.3063)
contains.

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Color

Yxy(15.9631, 0.4250, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	AA5564
RGB	170, 85, 100
RGB Percent	67%, 33%, 39%
CMY	0.3333, 0.6667, 0.6078
CMYK	0.00, 0.50, 0.41, 0.33
HSL	349°, 33%, 50%
HSV	349°, 50%, 67%
XYZ	22.1276, 15.9631, 13.9742
YIQ	112.1250, 45.8450, 22.6850

Conversions

Conversions Part 2

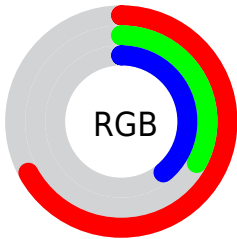
Format	Color
R_{YB}	170, 85, 100
Decimal	11162980
CIE Lab	46.93, 36.35, 7.61
CIE LCh	47, 37.142, 11.823
Yxy	15.9631, 0.4250, 0.3066
Android (android.graphics.Color)	4289353060 (0xFFAA5564)
YUV	112.1250, -5.9776, 50.7564
Hunter-Lab	39.9538, 28.9392, 7.2305

Details

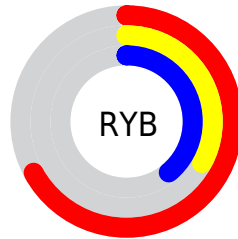
The Yxy color **15.9631, 0.4250, 0.3066** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.0491, 0.2579, 0.3546**, and the grayscale version is **16.2501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6197, 0.3975, 0.3129**, and **5.0458, 0.4748, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **13.3529, 0.4620, 0.3035**, and if you desaturate by 10%, it is **19.2646, 0.3931, 0.3108**.

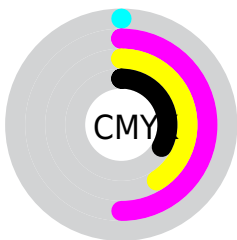
Distribution



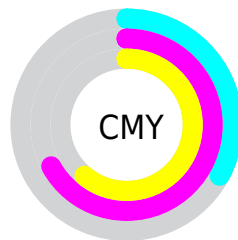
- Red (67%)
- Green (33%)
- Blue (39%)



- Red (67%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (50%)
- Yellow (41%)
- Black (33%)





- Cyan (33%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9631, 0.4250, 0.3066 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 15.9631, 0.4250, 0.3066 by changing the saturation by 10% instead.


 15.9631, 0.4250,
0.3066


 15.9631, 0.4250,
0.3066


229.1239, 0.3586,
0.3211

 9.4980, 0.4462,
0.3012


 36.5341, 0.3978,
0.3130


 5.0674, 0.4768,
0.2929

 51.4089, 0.3886,
0.3150


 2.2869, 0.5246,
0.2785

 69.8557, 0.3811,
0.3166

 0.7668, 0.6371,
0.2601

 92.2589, 0.3750,
0.3179

 0.0000, 1.0000,
0.0000

 119.0029, 0.3699,
0.3189

 0.0000, 0.0000,
0.0000

150.4722, 0.3656,

0.3198

187.0510, 0.3618,
0.3205

■ 15.9631, 0.4250,
0.3066

■ 15.9631, 0.4250,
0.3066

■ 13.3529, 0.4620,
0.3035

■ 19.2646, 0.3931,
0.3108

■ 11.3823, 0.5029,
0.3023

■ 23.2992, 0.3665,
0.3154

■ 9.9962, 0.5445,
0.3038

■ 28.1085, 0.3447,
0.3201

■ 9.1295, 0.5822,
0.3084

■ 33.7302, 0.3270,
0.3247

■ 8.6405, 0.6122,
0.3146

■ 40.1994, 0.3127,
0.3290

■ 47.5493, 0.3011,
0.3330

■ 55.8112, 0.2917,
0.3366

■ 65.0150, 0.2839,
0.3398

■ 75.1892, 0.2776,
0.3428

Harmonies

Analogous

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



15.9631, 0.3565, 0.2599



15.9631, 0.4250, 0.3066



15.9631, 0.4588, 0.3607

Triad

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



15.9631, 0.4250, 0.3066



15.9631, 0.3297, 0.4623



15.9631, 0.1909, 0.2289

Complementary

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



15.9631, 0.4250, 0.3066



33.0491, 0.2579, 0.3546

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.



15.9631, 0.1857, 0.2698



15.9631, 0.4250, 0.3066



15.9631, 0.2605, 0.4164

Square

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



15.9631, 0.4250, 0.3066



15.9631, 0.3980, 0.4560



15.9631, 0.2091, 0.3388



15.9631, 0.2233, 0.2163

Rectangle

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



15.9631, 0.4250, 0.3066



15.9631, 0.4556, 0.3972



15.9631, 0.2091, 0.3388



15.9631, 0.1861, 0.2392

Sweetspot

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



15.9639, 0.4250, 0.3066



55.6327, 0.3359, 0.3223



16.3108, 0.2984, 0.2035



11.9495, 0.3396, 0.3214



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



15.9639, 0.4250, 0.3066



23.7828, 0.4663, 0.3033



20.7728, 0.4278, 0.3702



7.5631, 0.3259, 0.3250



6.3617, 0.6099, 0.3133



0.1608, 0.5317, 0.2703

Inverse Universe

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



15.9639, 0.4250, 0.3066



23.7828, 0.4663, 0.3033



24.5048, 0.2395, 0.2816



7.5631, 0.3259, 0.3250



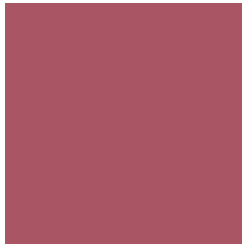
6.3617, 0.6099, 0.3133



0.1608, 0.5317, 0.2703

Previews

White Background



This preview shows how the Yxy color 15.9631, 0.4250, 0.3066 looks on a white background.

Color Contrast Check

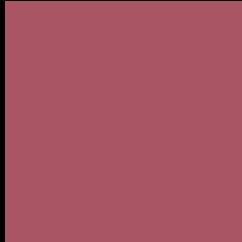
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 15.9631, 0.4250, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

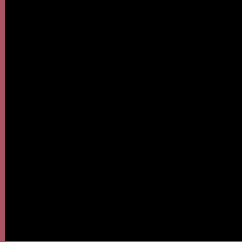
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9631, 0.4250, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 15.9631, 0.4250, 0.3066.



This preview shows how white text looks on a background with the Yxy color 15.9631, 0.4250, 0.3066.

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

15.9631, 0.4250, 0.3066

Protanopia

16.0945, 0.3117, 0.3230

Deuteranopia

16.1588, 0.3571, 0.3524



Tritanopia

15.8633, 0.4365, 0.3203

Trichromacy



Original Color

15.9631, 0.4250, 0.3066

Protanomaly

15.6752, 0.3497, 0.3160

Deuteranomaly

15.8171, 0.3817, 0.3346

Tritanomaly

15.9168, 0.4314, 0.3157

Monochromacy



Original Color

15.9631, 0.4250, 0.3066

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.5720, 0.3497, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9631, 0.4250, 0.3066 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(170, 85, 100)` looks like.

```
.text, #text, p{  
    color:rgb(170, 85, 100)  
}
```

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(170, 85, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 85, 100) }
```

Border

The CSS property to change the border of an element to Yxy 15.9631, 0.4250, 0.3066 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(170, 85, 100) }
```

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

```
.border{ border-color:rgb(170, 85, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 85, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 85, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 85, 100); box-shadow:4px 4px 4px 4px rgb(170, 85, 100) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9631, 0.4250, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 85, 100) }
```

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

```
.background{ background-color: rgb(170, 85,  
100) }
```

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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