

Converting Colors

$Y_{xy}(17.1442, 0.4432, 0.3424)$

Have a look what the booklet for
Yxy(17.1442, 0.4432, 0.3424)
contains.

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Color

Yxy(17.2073, 0.4429, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	AA5E55
RGB	170, 94, 85
RGB Percent	67%, 37%, 33%
CMY	0.3333, 0.6313, 0.6667
CMYK	0.00, 0.45, 0.50, 0.33
HSL	6°, 33%, 50%
HSV	6°, 50%, 67%
XYZ	22.2190, 17.2073, 10.7408
YIQ	115.6980, 48.1850, 13.3130

Conversions

Conversions Part 2

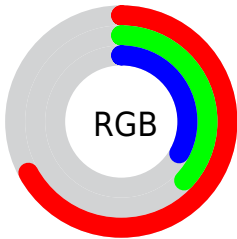
Format	Color
R _Y B	170, 95, 85
Decimal	11165269
CIE Lab	48.52, 29.91, 18.83
CIE LCh	49, 35.341, 32.198
Yxy	17.2073, 0.4429, 0.3430
Android (android.graphics.Color)	4289355349 (0xFFAA5E55)
YUV	115.6980, -15.1341, 47.6229
Hunter-Lab	41.4817, 23.0177, 13.6853

Details

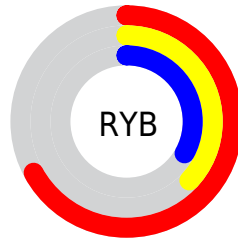
The Yxy color **17.2073, 0.4429, 0.3430** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.3126, 0.2456, 0.3135**, and the grayscale version is **17.4042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8010, 0.4113, 0.3422**, and **5.6074, 0.5000, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **14.5279, 0.4843, 0.3449**, and if you desaturate by 10%, it is **20.4853, 0.4065, 0.3404**.

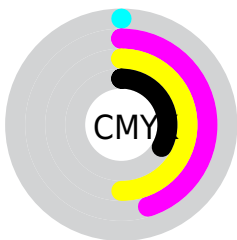
Distribution



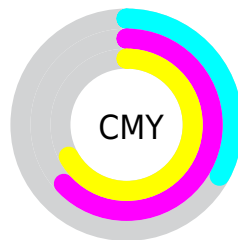
- Red (67%)
- Green (37%)
- Blue (33%)



- Red (67%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (45%)
- Yellow (50%)
- Black (33%)




- Cyan (33%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2073, 0.4429, 0.3430 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 17.2073, 0.4429, 0.3430 by changing the saturation by 10% instead.


 17.2073, 0.4429,
0.3430


 17.2073, 0.4429,
0.3430


236.3642, 0.3666,
0.3380


 10.3824, 0.4665,
0.3427


 38.6819, 0.4120,
0.3421


 5.6532, 0.5000,
0.3406

 54.1003, 0.4014,
0.3414

 2.6354, 0.5499,
0.3340

 73.1520, 0.3928,
0.3408

 0.9445, 0.6675,
0.3325

 96.2215, 0.3857,
0.3401

 0.0000, 1.0000,
0.0000

 123.6930, 0.3797,
0.3395

 0.0000, 0.0000,
0.0000

155.9511, 0.3747,

0.3390

193.3800, 0.3703,
0.3385

■ 17.2073, 0.4429,
0.3430

■ 17.2073, 0.4429,
0.3430

■ 14.5279, 0.4843,
0.3449

■ 20.4853, 0.4065,
0.3404

■ 12.4085, 0.5286,
0.3455

■ 24.3925, 0.3758,
0.3375

■ 10.8098, 0.5713,
0.3442

■ 28.9602, 0.3504,
0.3345

■ 9.6866, 0.6065,
0.3410

■ 34.2172, 0.3297,
0.3317

■ 8.9799, 0.6308,
0.3373

■ 40.1904, 0.3127,
0.3290

■ 46.9052, 0.2989,
0.3266

■ 54.3859, 0.2876,
0.3244

■ 62.6558, 0.2782,
0.3224

■ 71.7368, 0.2704,
0.3206

Harmonies

Analogous

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



17.2073, 0.3990, 0.2933



17.2073, 0.4429, 0.3430



17.2073, 0.4457, 0.3946

Triad

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



17.2073, 0.4429, 0.3430



17.2073, 0.2843, 0.4278



17.2073, 0.2165, 0.2245

Complementary

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



17.2073, 0.4429, 0.3430



30.3126, 0.2456, 0.3135

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.



17.2073, 0.1939, 0.2451



17.2073, 0.4429, 0.3430



17.2073, 0.2290, 0.3621

Square

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



17.2073, 0.4429, 0.3430



17.2073, 0.3508, 0.4554



17.2073, 0.1978, 0.2927



17.2073, 0.2641, 0.2283

Rectangle

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



17.2073, 0.4429, 0.3430



17.2073, 0.4256, 0.4254



17.2073, 0.1978, 0.2927



17.2073, 0.2061, 0.2285

Sweetspot

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



17.2082, 0.4429, 0.3430



56.9071, 0.3401, 0.3331



17.6307, 0.3292, 0.2207



12.2624, 0.3444, 0.3337



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.



17.2082, 0.4429, 0.3430



25.8978, 0.4890, 0.3450



26.8073, 0.4083, 0.4051



7.6658, 0.3283, 0.3315



6.6484, 0.6296, 0.3383



0.2000, 0.5909, 0.3690

Inverse Universe

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



30.3126, 0.2456, 0.3135



52.3515, 0.2350, 0.3096



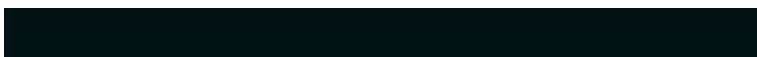
18.0236, 0.2309, 0.2365



8.3940, 0.2987, 0.3265



18.6913, 0.2155, 0.2959



0.4922, 0.2188, 0.3077

Previews

White Background



This preview shows how the Yxy color 17.2073, 0.4429, 0.3430 looks on a white background.

Color Contrast Check

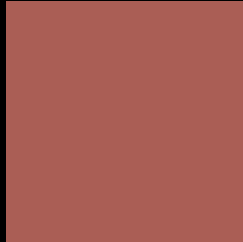
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2073, 0.4429, 0.3430 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 17.2073, 0.4429, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 17.2073, 0.4429, 0.3430.



This preview shows how white text looks on a background with the Yxy color 17.2073, 0.4429, 0.3430.

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

17.2073, 0.4429, 0.3430

Protanopia

17.2253, 0.3470, 0.3685

Deuteranopia

17.3813, 0.3890, 0.3822



Tritanopia

17.2131, 0.4235, 0.3187

Trichromacy



Original Color

17.2073, 0.4429, 0.3430

Protanomaly

16.7597, 0.3806, 0.3585

Deuteranomaly

17.2117, 0.4092, 0.3670

Tritanomaly

17.2948, 0.4309, 0.3278

Monochromacy



Original Color

17.2073, 0.4429, 0.3430

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.9793, 0.3561, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2073, 0.4429, 0.3430 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, 94, 85)` looks like.

```
.text, #text, p{  
    color:rgb(170, 94, 85)  
}
```

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, 94, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 94, 85) }
```

Border

The CSS property to change the border of an element to Yxy 17.2073, 0.4429, 0.3430 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, 94, 85) }
```

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

```
.border{ border-color:rgb(170, 94, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 94, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 94, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 94, 85);  
box-shadow:4px 4px 4px 4px rgb(170, 94,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2073, 0.4429, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 94, 85) }
```

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

```
.background{ background-color: rgb(170, 94,  
85) }
```

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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