

Converting Colors

$Y_{xy}(17.4635, 0.5627, 0.3482)$

Have a look what the booklet for
Yxy(17.4635, 0.5627, 0.3482)
contains.

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Color

Yxy(17.4770, 0.5626, 0.3483)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF432E |
| RGB | 207, 67, 46 |
| RGB Percent | 81%, 26%, 18% |
| CMY | 0.1883, 0.7372, 0.8196 |
| CMYK | 0.00, 0.68, 0.78, 0.19 |
| HSL | 8°, 64%, 50% |
| HSV | 8°, 78%, 81% |
| XYZ | 28.2301, 17.4770, 4.4709 |
| YIQ | 106.4660, 90.1810, 23.1490 |

Conversions

Conversions Part 2

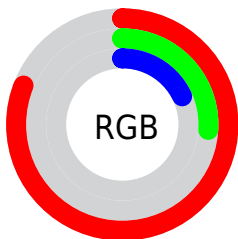
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 207, 70, 46 |
| Decimal | 13583150 |
| CIELab | 48.86, 54.05, 42.82 |
| CIElCh | 49, 68.959, 38.387 |
| Yxy | 17.4770, 0.5626, 0.3483 |
| Android (android.graphics.Color) | 4291773230 (0xFFCF432E) |
| YUV | 106.4660, -29.8097, 88.1683 |
| Hunter-Lab | 41.8055, 47.3767, 22.9231 |

Details

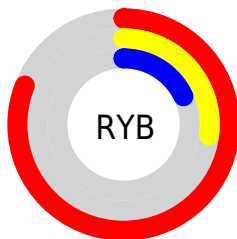
The Yxy color **17.4770, 0.5626, 0.3483** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **40.1911, 0.2212, 0.2970**, and the grayscale version is **14.6156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9872, 0.4968, 0.3560**, and **6.0197, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **15.5340, 0.5994, 0.3448**, and if you desaturate by 10%, it is **20.1655, 0.5194, 0.3493**.

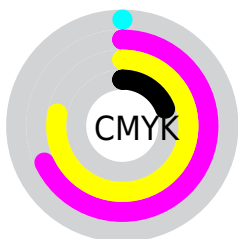
Distribution



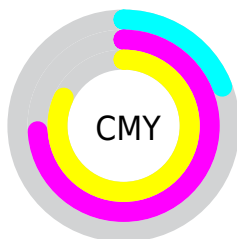
- Red (81%)
- Green (26%)
- Blue (18%)



- Red (81%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (68%)
- Yellow (78%)
- Black (19%)





- Cyan (19%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4770, 0.5626, 0.3483 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 17.4770, 0.5626, 0.3483 by changing the saturation by 10% instead.


 17.4770, 0.5626,
0.3483


 17.4770, 0.5626,
0.3483


237.9064, 0.4220,
0.3515


 10.5752, 0.5993,
0.3400


 39.1441, 0.5092,
0.3543


 5.7819, 0.6476,
0.3252

 54.6782, 0.4896,
0.3549


 2.7129, 0.7050,
0.2950

 73.8584, 0.4734,
0.3549

 0.9838, 0.7640,
0.2360

 97.0692, 0.4597,
0.3545

 0.0000, 1.0000,
0.0000

 124.6951, 0.4481,
0.3538

 0.0000, 0.0000,
0.0000

 157.1203, 0.4382,

0.3531

194.7292, 0.4295,
0.3523

■ 17.4770, 0.5626,
0.3483

■ 17.4770, 0.5626,
0.3483

■ 15.5340, 0.5994,
0.3448

■ 20.1655, 0.5194,
0.3493

■ 14.2553, 0.6249,
0.3394

■ 23.6621, 0.4756,
0.3482


■ 14.0486, 0.6294,
0.3385


■ 28.0264, 0.4352,
0.3457


■ 33.3113, 0.3999,
0.3423

■ 39.5655, 0.3702,
0.3387

 46.8343, 0.3458,
0.3350

 55.1601, 0.3257,
0.3315

 64.5829, 0.3094,
0.3283

 75.1407, 0.2960,
0.3253

Harmonies

Analogous

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



17.4770, 0.5013, 0.2739



17.4770, 0.5626, 0.3483



17.4770, 0.5322, 0.4313

Triad

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



17.4770, 0.5626, 0.3483



17.4770, 0.2245, 0.5161



17.4770, 0.1601, 0.1515

Complementary

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



17.4770, 0.5626, 0.3483



40.1911, 0.2212, 0.2970

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.



17.4770, 0.1199, 0.1679



17.4770, 0.5626, 0.3483



17.4770, 0.1456, 0.3545

Square

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



17.4770, 0.5626, 0.3483



17.4770, 0.3342, 0.5789



17.4770, 0.1139, 0.2284



17.4770, 0.2425, 0.1663

Rectangle

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



17.4770, 0.5626, 0.3483



17.4770, 0.4776, 0.4922



17.4770, 0.1139, 0.2284



17.4770, 0.1426, 0.1531

Sweetspot

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



17.4780, 0.5626, 0.3483



68.4505, 0.3586, 0.3370



18.8579, 0.3439, 0.1811



13.7698, 0.3680, 0.3384



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.



17.4780, 0.5626, 0.3483



23.4840, 0.6170, 0.3414



33.7969, 0.4703, 0.4368



12.0535, 0.3287, 0.3321



8.9306, 0.6277, 0.3398



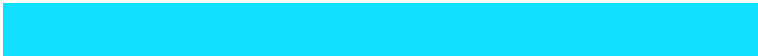
0.5829, 0.5993, 0.3623

Inverse Universe

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



40.1911, 0.2212, 0.2970



60.6796, 0.2145, 0.2895



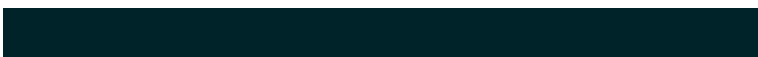
15.7507, 0.1873, 0.1665



13.1328, 0.2983, 0.3259



23.4974, 0.2132, 0.2875



1.3888, 0.2155, 0.2958

Previews

White Background



This preview shows how the Yxy color 17.4770, 0.5626, 0.3483 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 17.4770, 0.5626, 0.3483 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 × Fail

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

Yxy 17.4770, 0.5626, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 17.4770, 0.5626, 0.3483.



This preview shows how white text looks on a background with the Yxy color 17.4770, 0.5626, 0.3483.

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

17.4770, 0.5626, 0.3483

Protanopia

17.7266, 0.3969, 0.4327

Deuteranopia

17.6012, 0.4518, 0.4457



Tritanopia

17.4940, 0.5379, 0.3257

Trichromacy



Original Color

17.4770, 0.5626, 0.3483

Protanomaly

16.3773, 0.4614, 0.3960

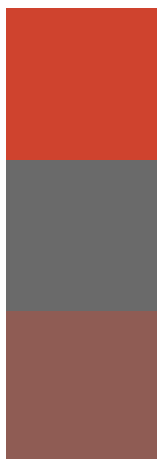
Deuteranomaly

16.6557, 0.4988, 0.4032

Tritanomaly

17.5167, 0.5483, 0.3344

Monochromacy



Original Color

17.4770, 0.5626, 0.3483

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.1340, 0.4075, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4770, 0.5626, 0.3483 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(207, 67, 46)` looks like.

```
.text, #text, p{  
    color:rgb(207, 67, 46)  
}
```

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(207, 67, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 67, 46) }
```

Border

The CSS property to change the border of an element to Yxy 17.4770, 0.5626, 0.3483 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(207, 67, 46) }
```

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

```
.border{ border-color:rgb(207, 67, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 67, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 67, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 67, 46);  
box-shadow:4px 4px 4px 4px rgb(207, 67,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4770, 0.5626, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 67, 46) }
```

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

```
.background{ background-color: rgb(207, 67,  
46) }
```

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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