

Converting Colors

$Y_{xy}(17.9428, 0.5221, 0.3543)$

Have a look what the booklet for
Yxy(17.9428, 0.5221, 0.3543)
contains.

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Color

Yxy(17.9364, 0.5233, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	C4513B
RGB	196, 81, 59
RGB Percent	77%, 32%, 23%
CMY	0.2313, 0.6824, 0.7686
CMYK	0.00, 0.59, 0.70, 0.23
HSL	10°, 54%, 50%
HSV	10°, 70%, 77%
XYZ	26.4995, 17.9364, 6.2033
YIQ	112.8770, 75.6020, 17.5380

Conversions

Conversions Part 2

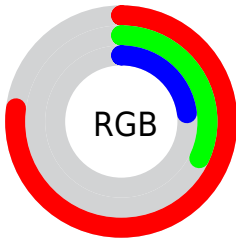
Format	Color
R_{YB}	196, 85, 59
Decimal	12865851
CIE _{Lab}	49.42, 44.66, 35.83
CIE _{LCh}	49, 57.261, 38.741
Yxy	17.9364, 0.5233, 0.3542
Android (android.graphics.Color)	4291055931 (0xFFC4513B)
YUV	112.8770, -26.5614, 72.8989
Hunter-Lab	42.3514, 37.5735, 20.9616

Details

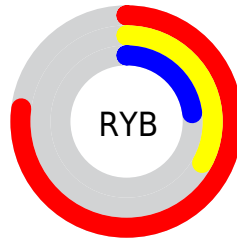
The Yxy color **17.9364, 0.5233, 0.3542** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **35.1962, 0.2248, 0.2940**, and the grayscale version is **16.5385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3717, 0.4742, 0.3562**, and **6.0526, 0.5992, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **15.6146, 0.5648, 0.3527**, and if you desaturate by 10%, it is **20.9290, 0.4805, 0.3531**.

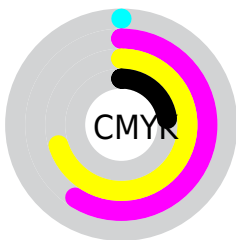
Distribution



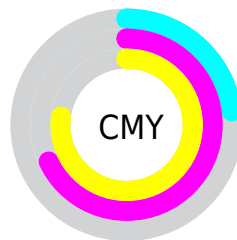
- Red (77%)
- Green (32%)
- Blue (23%)



- Red (77%)
- Yellow (33%)
- Blue (23%)



- Cyan (0%)
- Magenta (59%)
- Yellow (70%)
- Black (23%)



- Cyan (23%)
- Magenta (68%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.9364, 0.5233, 0.3542 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 17.9364, 0.5233, 0.3542 by changing the saturation by 10% instead.


 17.9364, 0.5233,
0.3542


 17.9364, 0.5233,
0.3542


240.5123, 0.4031,
0.3495


 10.9043, 0.5567,
0.3502


 39.9289, 0.4766,
0.3556


 6.0025, 0.6000,
0.3408

 55.6582, 0.4599,
0.3551

 2.8466, 0.6724,
0.3276

 75.0553, 0.4461,
0.3543

 1.0522, 0.7261,
0.2739

 98.5046, 0.4346,
0.3533

 0.0000, 1.0000,
0.0000

 126.3906, 0.4249,
0.3523

 0.0000, 0.0000,
0.0000

 159.0976, 0.4166,

0.3513

197.0101, 0.4094,
0.3504

■ 17.9364, 0.5233,
0.3542

■ 17.9364, 0.5233,
0.3542

■ 15.6146, 0.5648,
0.3527

■ 20.9290, 0.4805,
0.3531

■ 13.9082, 0.5998,
0.3483

■ 24.6364, 0.4405,
0.3502

■ 12.7511, 0.6246,
0.3422

■ 29.1021, 0.4052,
0.3462

■ 12.7419, 0.6248,
0.3421

■ 34.3653, 0.3751,
0.3418

■ 40.4625, 0.3501,
0.3373

■ 47.4279, 0.3295,
0.3330

■ 55.2938, 0.3126,
0.3290

■ 64.0908, 0.2986,
0.3253

■ 73.8481, 0.2871,
0.3219

Harmonies

Analogous

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



17.9364, 0.4699, 0.2856



17.9364, 0.5233, 0.3542



17.9364, 0.5036, 0.4282

Triad

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



17.9364, 0.5233, 0.3542



17.9364, 0.2414, 0.4767



17.9364, 0.1817, 0.1745

Complementary

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



17.9364, 0.5233, 0.3542



35.1962, 0.2248, 0.2940

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.



17.9364, 0.1443, 0.1910



17.9364, 0.5233, 0.3542



17.9364, 0.1705, 0.3514

Square

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



17.9364, 0.5233, 0.3542



17.9364, 0.3377, 0.5341



17.9364, 0.1396, 0.2464



17.9364, 0.2557, 0.1879

Rectangle

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



17.9364, 0.5233, 0.3542



17.9364, 0.4602, 0.4777



17.9364, 0.1396, 0.2464



17.9364, 0.1654, 0.1764

Sweetspot

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



17.9374, 0.5233, 0.3542



71.6139, 0.3534, 0.3379



17.9790, 0.3466, 0.1940



14.6454, 0.3601, 0.3392



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.



17.9374, 0.5233, 0.3542



26.4756, 0.5849, 0.3507



33.2518, 0.4485, 0.4366



10.3332, 0.3285, 0.3328



8.2701, 0.6229, 0.3436



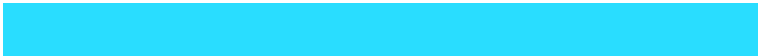
0.4413, 0.5846, 0.3740

Inverse Universe

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



35.1962, 0.2248, 0.2940



59.1987, 0.2154, 0.2852



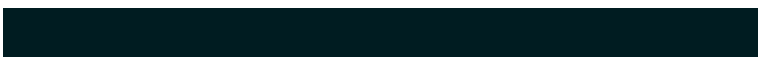
15.4223, 0.1962, 0.1778



11.1442, 0.2984, 0.3252



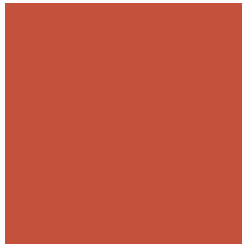
19.8507, 0.2105, 0.2777



0.9331, 0.2140, 0.2903

Previews

White Background



This preview shows how the Yxy color 17.9364, 0.5233, 0.3542 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 17.9364, 0.5233, 0.3542 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 17.9364, 0.5233, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 17.9364, 0.5233, 0.3542.



This preview shows how white text looks on a background with the Yxy color 17.9364, 0.5233, 0.3542.

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

17.9364, 0.5233, 0.3542

Protanopia

18.0919, 0.3836, 0.4156

Deuteranopia

17.9564, 0.4343, 0.4263



Tritanopia

17.9436, 0.4924, 0.3235

Trichromacy



Original Color

17.9364, 0.5233, 0.3542

Protanomaly

17.2807, 0.4353, 0.3917

Deuteranomaly

17.4757, 0.4691, 0.3969

Tritanomaly

17.9567, 0.5054, 0.3354

Monochromacy



Original Color

17.9364, 0.5233, 0.3542

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.9373, 0.3872, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9364, 0.5233, 0.3542 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(196, 81, 59)` looks like.

```
.text, #text, p{  
    color:rgb(196, 81, 59)  
}
```

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(196, 81, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 81, 59) }
```

Border

The CSS property to change the border of an element to Yxy 17.9364, 0.5233, 0.3542 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(196, 81, 59) }
```

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

```
.border{ border-color:rgb(196, 81, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 81, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 81, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 81, 59);  
box-shadow:4px 4px 4px 4px rgb(196, 81,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9364, 0.5233, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 81, 59) }
```

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

```
.background{ background-color: rgb(196, 81,  
59) }
```

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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