

Converting Colors

$Yxy(19.7145, 0.4991, 0.3502)$

Have a look what the booklet for
Yxy(19.7145, 0.4991, 0.3502)
contains.

Yxy(19.7860, 0.4988, 0.3510)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.7860, 0.4988, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	C65A48
RGB	198, 90, 72
RGB Percent	78%, 35%, 28%
CMY	0.2235, 0.6471, 0.7177
CMYK	0.00, 0.55, 0.64, 0.22
HSL	9°, 53%, 53%
HSV	9°, 64%, 78%
XYZ	28.1175, 19.7860, 8.4668
YIQ	120.2400, 70.1460, 17.2980

Conversions

Conversions Part 2

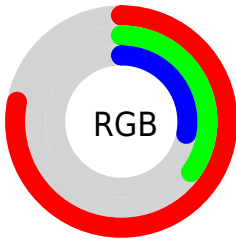
Format	Color
RYB	198, 93, 72
Decimal	12999240
CIELab	51.59, 41.80, 31.18
CIElCh	52, 52.148, 36.716
Yxy	19.7860, 0.4988, 0.3510
Android (android.graphics.Color)	4291189320 (0xFFC65A48)
YUV	120.2400, -23.7823, 68.1955
Hunter-Lab	44.4815, 34.9906, 19.8515

Details

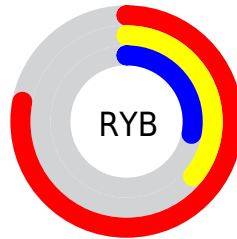
The Yxy color **19.7860, 0.4988, 0.3510** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **38.1040, 0.2307, 0.3011**, and the grayscale version is **18.9239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2854, 0.4536, 0.3519**, and **6.8686, 0.5685, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **17.0254, 0.5423, 0.3511**, and if you desaturate by 10%, it is **23.2857, 0.4567, 0.3490**.

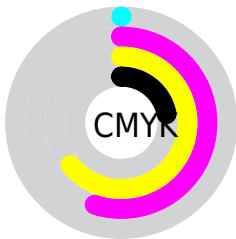
Distribution



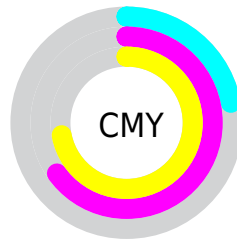
- Red (78%)
- Green (35%)
- Blue (28%)



- Red (78%)
- Yellow (36%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (64%)
- Black (22%)





- Cyan (22%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7860, 0.4988, 0.3510 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 19.7860, 0.4988, 0.3510 by changing the saturation by 10% instead.


 19.7860, 0.4988,
0.3510


 19.7860, 0.4988,
0.3510


250.7542, 0.3931,
0.3457


 12.2396, 0.5287,
0.3487


 43.0581, 0.4575,
0.3513


 6.9071, 0.5683,
0.3428


 59.5526, 0.4429,
0.3507

 3.4040, 0.6273,
0.3315

 79.7985, 0.4308,
0.3499

 1.3461, 0.7011,
0.2989

 104.1804, 0.4207,
0.3490

 0.1765, 0.8752,
0.1248

 133.0824, 0.4122,
0.3481

 0.0000, 1.0000,
0.0000

166.8892, 0.4049,

 0.0000, 0.0000,

0.3473

0.0000

205.9850, 0.3986,
0.3465

■ 19.7860, 0.4988,
0.3510

■ 19.7860, 0.4988,
0.3510

■ 17.0254, 0.5423,
0.3511

■ 23.2857, 0.4567,
0.3490

■ 14.9473, 0.5824,
0.3485

■ 27.5693, 0.4188,
0.3457

■ 13.4919, 0.6132,
0.3434

■ 32.6818, 0.3863,
0.3419

■ 12.8519, 0.6274,
0.3400

■ 38.6640, 0.3592,
0.3379

■ 45.5538, 0.3368,
0.3340

■ 53.3870, 0.3185,
0.3303

■ 62.1974, 0.3035,
0.3269

■ 72.0170, 0.2912,
0.3238

■ 82.8765, 0.2810,
0.3210

Harmonies

Analogous

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



19.7860, 0.4463, 0.2874



19.7860, 0.4988, 0.3510



19.7860, 0.4884, 0.4185

Triad

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



19.7860, 0.4988, 0.3510



19.7860, 0.2565, 0.4626



19.7860, 0.1911, 0.1889

Complementary

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



19.7860, 0.4988, 0.3510



38.1040, 0.2307, 0.3011

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.



19.7860, 0.1582, 0.2074



19.7860, 0.4988, 0.3510



19.7860, 0.1889, 0.3575

Square

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



19.7860, 0.4988, 0.3510



19.7860, 0.3446, 0.5092



19.7860, 0.1566, 0.2622



19.7860, 0.2568, 0.1992

Rectangle

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



19.7860, 0.4988, 0.3510



19.7860, 0.4528, 0.4620



19.7860, 0.1566, 0.2622



19.7860, 0.1766, 0.1916

Sweetspot

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



19.7871, 0.4988, 0.3510



73.5685, 0.3489, 0.3362



19.9868, 0.3402, 0.2002



15.0101, 0.3557, 0.3373



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.



19.7871, 0.4988, 0.3510



28.7242, 0.5570, 0.3505



34.8698, 0.4375, 0.4278



10.8773, 0.3286, 0.3324



8.4329, 0.6257, 0.3414



0.4804, 0.5920, 0.3681

Inverse Universe

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



38.1040, 0.2307, 0.3011



63.3309, 0.2209, 0.2943



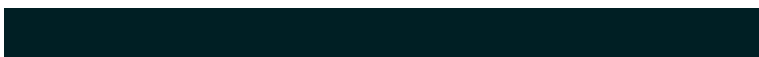
18.4599, 0.2065, 0.1968



11.7993, 0.2984, 0.3256



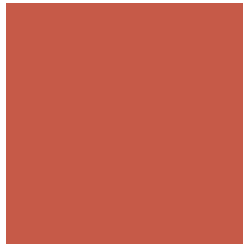
21.3753, 0.2121, 0.2835



1.0848, 0.2150, 0.2939

Previews

White Background



This preview shows how the Yxy color 19.7860, 0.4988, 0.3510 looks on a white 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

Black Background



This preview shows how the Yxy color 19.7860, 0.4988, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

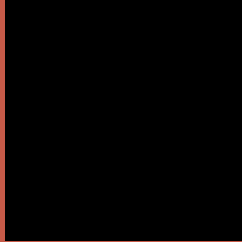
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7860, 0.4988, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 19.7860, 0.4988, 0.3510.



This preview shows how white text looks on a background with the Yxy color 19.7860, 0.4988, 0.3510.

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

19.7860, 0.4988, 0.3510

Protanopia

19.8901, 0.3718, 0.3986

Deuteranopia

19.9414, 0.4194, 0.4130



Tritanopia

19.7488, 0.4718, 0.3220

Trichromacy



Original Color

19.7860, 0.4988, 0.3510

Protanomaly

19.1162, 0.4180, 0.3799

Deuteranomaly

19.4796, 0.4493, 0.3875

Tritanomaly

19.7774, 0.4832, 0.3332

Monochromacy



Original Color

19.7860, 0.4988, 0.3510

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.2125, 0.3754, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7860, 0.4988, 0.3510 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(198, 90, 72)` looks like.

```
.text, #text, p{  
    color:rgb(198, 90, 72)  
}
```

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(198, 90, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 90, 72) }
```

Border

The CSS property to change the border of an element to Yxy 19.7860, 0.4988, 0.3510 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(198, 90, 72) }
```

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

```
.border{ border-color:rgb(198, 90, 72) }
```

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

Here you see how a box with a 4 pixel rgb(198, 90, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 90, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 90, 72);  
box-shadow:4px 4px 4px 4px rgb(198, 90,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7860, 0.4988, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 90, 72) }
```

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

```
.background{ background-color: rgb(198, 90,  
72) }
```

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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