

Converting Colors

$Yxy(18.5893, 0.5124, 0.3597)$

Have a look what the booklet for
Yxy(18.5893, 0.5124, 0.3597)
contains.

Yxy(18.6226, 0.5122, 0.3600)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.6226, 0.5122, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	C2573D
RGB	194, 87, 61
RGB Percent	76%, 34%, 24%
CMY	0.2393, 0.6588, 0.7608
CMYK	0.00, 0.55, 0.69, 0.24
HSL	12°, 52%, 50%
HSV	12°, 69%, 76%
XYZ	26.4958, 18.6226, 6.6110
YIQ	116.0290, 72.1180, 14.5980

Conversions

Conversions Part 2

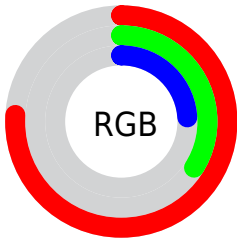
Format	Color
R_{YB}	194, 93, 61
Decimal	12736317
CIE _{Lab}	50.24, 41.10, 35.60
CIE _{LCh}	50, 54.374, 40.904
Yxy	18.6226, 0.5122, 0.3600
Android (android.graphics.Color)	4290926397 (0xFFC2573D)
YUV	116.0290, -27.1293, 68.3806
Hunter-Lab	43.1539, 34.0768, 21.1247

Details

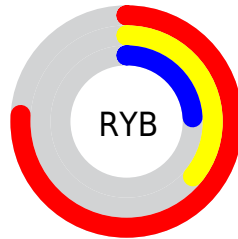
The Yxy color **18.6226, 0.5122, 0.3600** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **32.8751, 0.2239, 0.2870**, and the grayscale version is **17.5439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1203, 0.4679, 0.3604**, and **6.3078, 0.5852, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **16.1913, 0.5530, 0.3591**, and if you desaturate by 10%, it is **21.6775, 0.4711, 0.3581**.

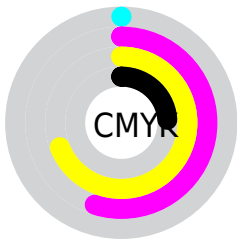
Distribution



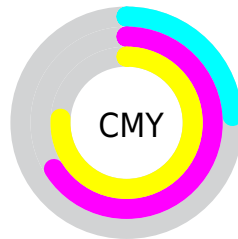
- Red (76%)
- Green (34%)
- Blue (24%)



- Red (76%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (69%)
- Black (24%)





- Cyan (24%)
- Magenta (66%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.6226, 0.5122, 0.3600 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 18.6226, 0.5122, 0.3600 by changing the saturation by 10% instead.


 18.6226, 0.5122,
0.3600


 18.6226, 0.5122,
0.3600


244.3573, 0.3988,
0.3513


 11.3979, 0.5437,
0.3576


 41.0954, 0.4681,
0.3596


 6.3351, 0.5847,
0.3506


 57.1123, 0.4524,
0.3585


 3.0499, 0.6570,
0.3430

 76.8287, 0.4394,
0.3572

 1.1578, 0.7066,
0.2934

 100.6290, 0.4286,
0.3559

 0.0269, 0.9749,
0.0251

 128.8976, 0.4194,
0.3547

 0.0000, 0.0000,
0.0000

 162.0190, 0.4115,

0.3534

200.3774, 0.4047,
0.3523

■ 18.6226, 0.5122,
0.3600

■ 18.6226, 0.5122,
0.3600

■ 16.1913, 0.5530,
0.3591

■ 21.6775, 0.4711,
0.3581

■ 14.3366, 0.5888,
0.3547

■ 25.3927, 0.4329,
0.3542

■ 13.0056, 0.6155,
0.3477

■ 29.8054, 0.3993,
0.3492

■ 12.8516, 0.6189,
0.3468

■ 34.9493, 0.3707,
0.3438

■ 40.8558, 0.3468,
0.3384

■ 47.5544, 0.3270,
0.3332

■ 55.0730, 0.3105,
0.3283

■ 63.4383, 0.2970,
0.3239

■ 72.6757, 0.2857,
0.3198

Harmonies

Analogous

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



18.6226, 0.4662, 0.2933



18.6226, 0.5122, 0.3600



18.6226, 0.4910, 0.4309

Triad

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



18.6226, 0.5122, 0.3600



18.6226, 0.2405, 0.4589



18.6226, 0.1922, 0.1819

Complementary

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



18.6226, 0.5122, 0.3600



32.8751, 0.2239, 0.2870

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.



18.6226, 0.1536, 0.1960



18.6226, 0.5122, 0.3600



18.6226, 0.1749, 0.3423

Square

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



18.6226, 0.5122, 0.3600



18.6226, 0.3315, 0.5200



18.6226, 0.1471, 0.2467



18.6226, 0.2657, 0.1965

Rectangle

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



18.6226, 0.5122, 0.3600



18.6226, 0.4488, 0.4765



18.6226, 0.1471, 0.2467



18.6226, 0.1756, 0.1831

Sweetspot

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



18.6236, 0.5122, 0.3600



70.9235, 0.3530, 0.3398



17.6910, 0.3520, 0.2001



14.8641, 0.3596, 0.3414



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.



18.6236, 0.5122, 0.3600



27.6211, 0.5709, 0.3575



34.2186, 0.4412, 0.4403



10.3900, 0.3284, 0.3336



8.5440, 0.6169, 0.3484



0.4667, 0.5748, 0.3818

Inverse Universe

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



32.8751, 0.2239, 0.2870



54.6789, 0.2138, 0.2765



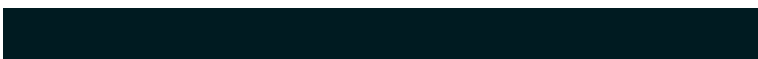
14.6073, 0.1964, 0.1737



11.0826, 0.2984, 0.3244



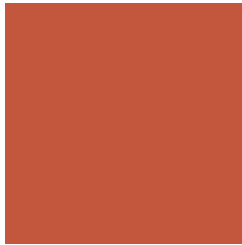
18.3162, 0.2071, 0.2657



0.8791, 0.2115, 0.2813

Previews

White Background



This preview shows how the Yxy color 18.6226, 0.5122, 0.3600 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 18.6226, 0.5122, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

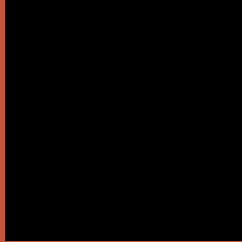
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.6226, 0.5122, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 18.6226, 0.5122, 0.3600.



This preview shows how white text looks on a background with the Yxy color 18.6226, 0.5122, 0.3600.

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

18.6226, 0.5122, 0.3600

Protanopia

18.7261, 0.3849, 0.4179

Deuteranopia

18.7000, 0.4339, 0.4248



Tritanopia

18.5099, 0.4766, 0.3220

Trichromacy



Original Color

18.6226, 0.5122, 0.3600

Protanomaly

18.0125, 0.4322, 0.3946

Deuteranomaly

18.1954, 0.4644, 0.3984

Tritanomaly

18.5073, 0.4913, 0.3357

Monochromacy



Original Color

18.6226, 0.5122, 0.3600

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.8770, 0.3818, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.6226, 0.5122, 0.3600 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(194, 87, 61)` looks like.

```
.text, #text, p{  
    color:rgb(194, 87, 61)  
}
```

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(194, 87, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 87, 61) }
```

Border

The CSS property to change the border of an element to Yxy 18.6226, 0.5122, 0.3600 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(194, 87, 61) }
```

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

```
.border{ border-color:rgb(194, 87, 61) }
```

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

Here you see how a box with a 4 pixel rgb(194, 87, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 87, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 87, 61);  
box-shadow:4px 4px 4px 4px rgb(194, 87,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 18.6226, 0.5122, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 87, 61) }
```

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

```
.background{ background-color: rgb(194, 87,  
61) }
```

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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