

Converting Colors

$Yxy(19.9454, 0.5209, 0.3968)$

Have a look what the booklet for
Yxy(19.9454, 0.5209, 0.3968)
contains.

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Color

Yxy(19.9391, 0.5208, 0.3968)

Conversions

Conversions Part 1

Format	Color
Hex	BF6224
RGB	191, 98, 36
RGB Percent	75%, 38%, 14%
CMY	0.2510, 0.6156, 0.8587
CMYK	0.00, 0.49, 0.81, 0.25
HSL	24°, 68%, 45%
HSV	24°, 81%, 75%
XYZ	26.1701, 19.9391, 4.1406
YIQ	118.7390, 75.3300, 0.4340

Conversions

Conversions Part 2

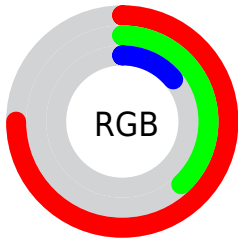
Format	Color
R_{YB}	191, 139, 36
Decimal	12542500
CIE _{Lab}	51.77, 33.18, 49.59
CIE _{LCh}	52, 59.661, 56.215
Yxy	19.9391, 0.5208, 0.3968
Android (android.graphics.Color)	4290732580 (0xFFBF6224)
YUV	118.7390, -40.7903, 63.3729
Hunter-Lab	44.6532, 26.4710, 25.7594

Details

The Yxy color **19.9391, 0.5208, 0.3968** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **19.8380, 0.1998, 0.2205**, and the grayscale version is **18.4766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3672, 0.4790, 0.3913**, and **7.0219, 0.5720, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **17.8594, 0.5488, 0.3927**, and if you desaturate by 10%, it is **22.3902, 0.4895, 0.3957**.

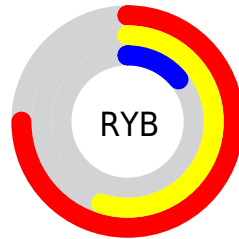
Distribution



Red (75%)

Green (38%)

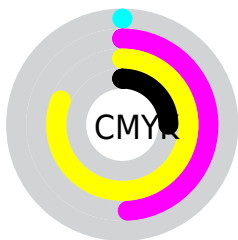
Blue (14%)



Red (75%)

Yellow (55%)

Blue (14%)

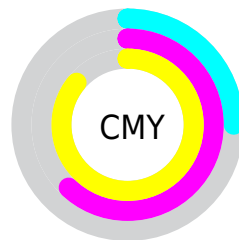


Cyan (0%)

Magenta (49%)

Yellow (81%)

Black (25%)



Cyan (25%)


Magenta (62%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9391, 0.5208, 0.3968 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 19.9391, 0.5208, 0.3968 by changing the saturation by 10% instead.


 19.9391, 0.5208,
0.3968


 19.9391, 0.5208,
0.3968


251.5852, 0.4073,
0.3715


 12.3508, 0.5487,
0.3966


 43.3151, 0.4789,
0.3915


 6.9830, 0.5858,
0.3937


 59.8715, 0.4632,
0.3882

 3.4515, 0.6238,
0.3762

 80.1861, 0.4500,
0.3849

 1.3717, 0.6644,
0.3356

 104.6432, 0.4388,
0.3818

 0.1958, 0.8370,
0.1630

 133.6273, 0.4292,
0.3789

 0.0000, 0.0000,
0.0000

 167.5228, 0.4209,

0.3762

206.7139, 0.4137,
0.3737

19.9391, 0.5208,
0.3968

19.9391, 0.5208,
0.3968

17.8594, 0.5488,
0.3927

22.3902, 0.4895,
0.3957

16.2984, 0.5700,
0.3856

25.2304, 0.4574,
0.3905

28.4796, 0.4265,
0.3822

32.1552, 0.3980,
0.3722

36.2734, 0.3726,
0.3615

■ 40.8494, 0.3503,
0.3506

■ 45.8978, 0.3310,
0.3401

■ 51.4323, 0.3144,
0.3301

■ 57.4660, 0.3002,
0.3208

Harmonies

Analogous

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



19.9391, 0.5112, 0.3246



19.9391, 0.5208, 0.3968



19.9391, 0.4672, 0.4722

Triad

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



19.9391, 0.5208, 0.3968



19.9391, 0.1948, 0.4062



19.9391, 0.2197, 0.1783

Complementary

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



19.9391, 0.5208, 0.3968



19.8380, 0.1998, 0.2205

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.



19.9391, 0.1613, 0.1768



19.9391, 0.5208, 0.3968



19.9391, 0.1470, 0.2839

Square

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



19.9391, 0.5208, 0.3968



19.9391, 0.2799, 0.5145



19.9391, 0.1377, 0.2080



19.9391, 0.3152, 0.2072

Rectangle

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



19.9391, 0.5208, 0.3968



19.9391, 0.4106, 0.5152



19.9391, 0.1377, 0.2080



19.9391, 0.1960, 0.1746

Sweetspot

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



19.9402, 0.5208, 0.3968



70.4211, 0.3572, 0.3541



13.9234, 0.4200, 0.2243



14.8148, 0.3652, 0.3580



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.9402, 0.5208, 0.3968



29.6331, 0.5661, 0.3864



42.0539, 0.4274, 0.4828



10.1459, 0.3279, 0.3382



10.8610, 0.5676, 0.3875



0.5539, 0.5240, 0.4222

Inverse Universe

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



19.8380, 0.1998, 0.2205



29.0396, 0.1877, 0.1942



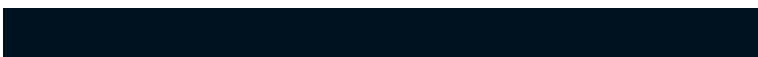
6.5504, 0.1671, 0.0966



10.1516, 0.2984, 0.3196



10.6311, 0.1872, 0.1940



0.5412, 0.1972, 0.2299

Previews

White Background



This preview shows how the Yxy color 19.9391, 0.5208, 0.3968 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 19.9391, 0.5208, 0.3968 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 19.9391, 0.5208, 0.3968

Background



This preview shows how black text looks on a background with the Yxy color 19.9391, 0.5208, 0.3968.



This preview shows how white text looks on a background with the Yxy color 19.9391, 0.5208, 0.3968.

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

19.9391, 0.5208, 0.3968

Protanopia

20.0787, 0.4198, 0.4609

Deuteranopia

20.1086, 0.4593, 0.4528



Tritanopia

20.0055, 0.4546, 0.3216

Trichromacy



Original Color

19.9391, 0.5208, 0.3968

Protanomaly

19.6838, 0.4579, 0.4372

Deuteranomaly

19.9028, 0.4830, 0.4312

Tritanomaly

19.8509, 0.4854, 0.3534

Monochromacy



Original Color

19.9391, 0.5208, 0.3968

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1099, 0.3894, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9391, 0.5208, 0.3968 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(191, 98, 36)` looks like.

```
.text, #text, p{  
    color:rgb(191, 98, 36)  
}
```

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(191, 98, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 98, 36) }
```

Border

The CSS property to change the border of an element to Yxy 19.9391, 0.5208, 0.3968 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(191, 98, 36) }
```

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

```
.border{ border-color:rgb(191, 98, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 98, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 98, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 98, 36);  
box-shadow:4px 4px 4px 4px rgb(191, 98,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9391, 0.5208, 0.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 98, 36) }
```

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

```
.background{ background-color: rgb(191, 98,  
36) }
```

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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