

Converting Colors

$Y_{xy}(10.1915, 0.5752, 0.3604)$

Have a look what the booklet for
Yxy(10.1915, 0.5752, 0.3604)
contains.

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Color

Yxy(10.1915, 0.5752, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	A23415
RGB	162, 52, 21
RGB Percent	64%, 20%, 8%
CMY	0.3647, 0.7961, 0.9175
CMYK	0.00, 0.68, 0.87, 0.36
HSL	13°, 77%, 36%
HSV	13°, 87%, 64%
XYZ	16.2657, 10.1915, 1.8211
YIQ	81.3560, 75.5110, 13.6790

Conversions

Conversions Part 2

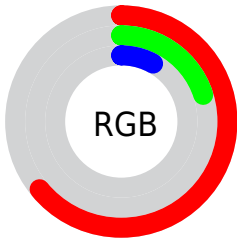
Format	Color
RYB	162, 61, 21
Decimal	10630165
CIELab	38.18, 44.05, 42.27
CIELCh	38, 61.049, 43.824
Yxy	10.1915, 0.5752, 0.3604
Android (android.graphics.Color)	4288820245 (0xFFA23415)
YUV	81.3560, -29.7555, 70.7248
Hunter-Lab	31.9241, 35.0804, 18.9647

Details

The Yxy color **10.1915, 0.5752, 0.3604** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **19.0169, 0.2105, 0.2677**, and the grayscale version is **8.3520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.1653, 0.5139, 0.3660**, and **2.8248, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.1672, 0.6045, 0.3537**, and if you desaturate by 10%, it is **11.5565, 0.5386, 0.3638**.

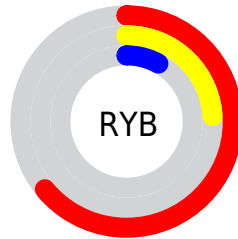
Distribution



Red (64%)

Green (20%)

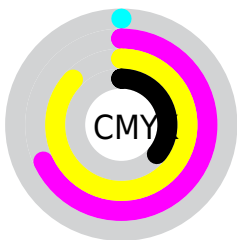
Blue (8%)



Red (64%)

Yellow (24%)

Blue (8%)

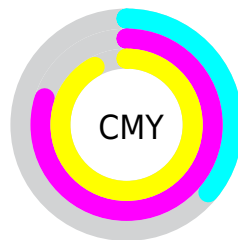


Cyan (0%)

Magenta (68%)

Yellow (87%)

Black (36%)



Cyan (36%)


Magenta (80%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1915, 0.5752, 0.3604 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 10.1915, 0.5752, 0.3604 by changing the saturation by 10% instead.


 10.1915, 0.5752,
0.3604


 10.1915, 0.5752,
0.3604


192.0334, 0.4184,
0.3585


 5.5261, 0.6216,
0.3504

 26.1551, 0.5134,
0.3668


 2.5591, 0.6756,
0.3244

 38.2221, 0.4913,
0.3666

 0.9062, 0.7323,
0.2677

 53.5250, 0.4733,
0.3656

 0.0000, 1.0000,
0.0000


 72.4484, 0.4584,
0.3643


 0.0000, 0.0000,
0.0000


 95.3765, 0.4459,
0.3628


 122.6938, 0.4353,


0.3613


 154.7846, 0.4263,
0.3598

 10.1915, 0.5752,
0.3604

 10.1915, 0.5752,
0.3604

 9.1672, 0.6045,
0.3537

 11.5565, 0.5386,
0.3638

 8.9186, 0.6124,
0.3519

 13.2906, 0.4988,
0.3637

 15.4196, 0.4597,
0.3608

 17.9665, 0.4238,
0.3560

 20.9523, 0.3923,
0.3504

■ 24.3968, 0.3654,
0.3444

■ 28.3184, 0.3428,
0.3384

■ 32.7345, 0.3240,
0.3328

■ 37.6617, 0.3083,
0.3275

Harmonies

Analogous

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



10.1915, 0.5311, 0.2835



10.1915, 0.5752, 0.3604



10.1915, 0.5279, 0.4498

Triad

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



10.1915, 0.5752, 0.3604



10.1915, 0.2001, 0.5012



10.1915, 0.1653, 0.1450

Complementary

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



10.1915, 0.5752, 0.3604



19.0169, 0.2105, 0.2677

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.



10.1915, 0.1174, 0.1550



10.1915, 0.5752, 0.3604



10.1915, 0.1283, 0.3249

Square

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



10.1915, 0.5752, 0.3604



10.1915, 0.3103, 0.5942



10.1915, 0.1048, 0.2064



10.1915, 0.2594, 0.1657

Rectangle

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



10.1915, 0.5752, 0.3604



10.1915, 0.4659, 0.5167



10.1915, 0.1048, 0.2064



10.1915, 0.1449, 0.1447

Sweetspot

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



10.1921, 0.5752, 0.3604



44.6324, 0.3641, 0.3441



9.8717, 0.3733, 0.1909



9.5381, 0.3724, 0.3460



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



10.1921, 0.5752, 0.3604



15.9362, 0.6153, 0.3496



21.6728, 0.4641, 0.4571



7.3265, 0.3280, 0.3340



7.0800, 0.6110, 0.3531



0.2122, 0.5486, 0.4026

Inverse Universe

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



19.0169, 0.2105, 0.2677



31.7101, 0.2044, 0.2560



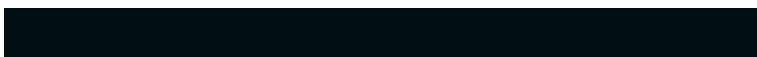
6.1043, 0.1716, 0.1233



7.7461, 0.2988, 0.3240



13.9627, 0.2050, 0.2581



0.3554, 0.2130, 0.2866

Previews

White Background



This preview shows how the Yxy color 10.1915, 0.5752, 0.3604 looks on a white background.

Color Contrast Check

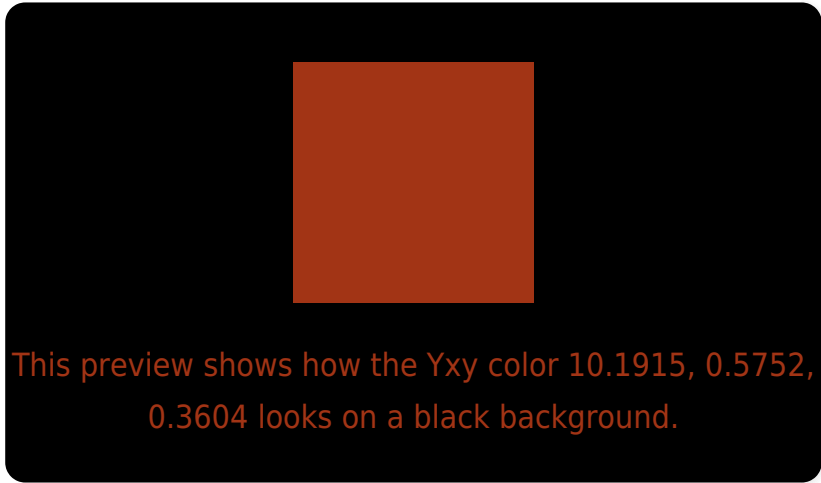
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

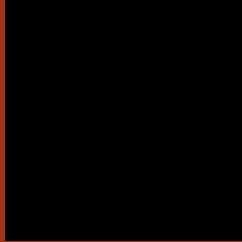
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1915, 0.5752, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 10.1915, 0.5752, 0.3604.



This preview shows how white text looks on a background with the Yxy color 10.1915, 0.5752, 0.3604.

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

10.1915, 0.5752, 0.3604

Protanopia

10.4059, 0.4175, 0.4588

Deuteranopia

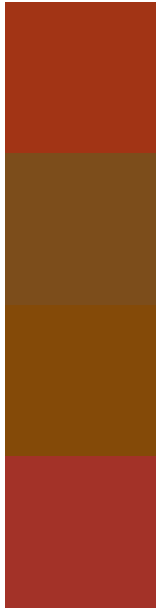
10.3004, 0.4697, 0.4653



Tritanopia

10.2222, 0.5377, 0.3272

Trichromacy



Original Color

10.1915, 0.5752, 0.3604

Protanomaly

9.6720, 0.4822, 0.4178

Deuteranomaly

9.8206, 0.5149, 0.4211

Tritanomaly

10.2209, 0.5551, 0.3412

Monochromacy



Original Color

10.1915, 0.5752, 0.3604

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

8.0111, 0.4162, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1915, 0.5752, 0.3604 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(162, 52, 21)` looks like.

```
.text, #text, p{  
    color:rgb(162, 52, 21)  
}
```

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(162, 52, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 52, 21) }
```

Border

The CSS property to change the border of an element to Yxy 10.1915, 0.5752, 0.3604 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(162, 52, 21) }
```

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

```
.border{ border-color:rgb(162, 52, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 52, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 52, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 52, 21);  
box-shadow:4px 4px 4px 4px rgb(162, 52,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1915, 0.5752, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 52, 21) }
```

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

```
.background{ background-color: rgb(162, 52,  
21) }
```

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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