

Converting Colors

$Y_{xy}(10.6423, 0.6197, 0.3396)$

Have a look what the booklet for
Yxy(10.6423, 0.6197, 0.3396)
contains.

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Color

Yxy(10.7222, 0.6192, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	B51D09
RGB	181, 29, 9
RGB Percent	71%, 11%, 4%
CMY	0.2902, 0.8862, 0.9648
CMYK	0.00, 0.84, 0.95, 0.29
HSL	7°, 91%, 37%
HSV	7°, 95%, 71%
XYZ	19.5443, 10.7222, 1.2973
YIQ	72.1680, 97.0120, 26.0040

Conversions

Conversions Part 2

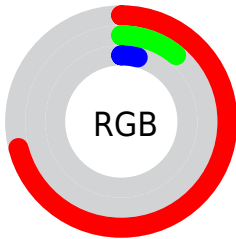
Format	Color
R_{YB}	181, 32, 9
Decimal	11869449
CIE _{Lab}	39.11, 57.58, 49.34
CIE _{LCh}	39, 75.826, 40.590
Yxy	10.7222, 0.6192, 0.3397
Android (android.graphics.Color)	4290059529 (0xFFB51D09)
YUV	72.1680, -31.1418, 95.4457
Hunter-Lab	32.7448, 49.2374, 20.5724

Details

The Yxy color **10.7222, 0.6192, 0.3397** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **28.8676, 0.2157, 0.2939**, and the grayscale version is **6.5546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2001, 0.5519, 0.3561**, and **3.8516, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.3631, 0.6301, 0.3379**, and if you desaturate by 10%, it is **11.7806, 0.5900, 0.3442**.

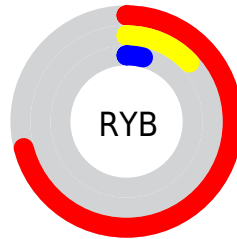
Distribution



Red (71%)

Green (11%)

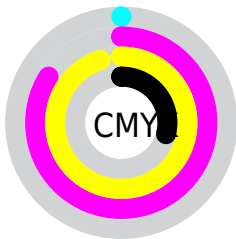
Blue (4%)



Red (71%)

Yellow (13%)

Blue (4%)

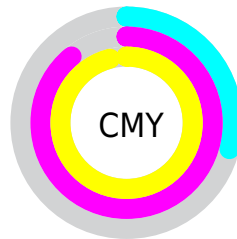


Cyan (0%)

Magenta (84%)

Yellow (95%)

Black (29%)



Cyan (29%)


Magenta (89%)

Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7222, 0.6192, 0.3397 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 10.7222, 0.6192, 0.3397 by changing the saturation by 10% instead.


 10.7222, 0.6192,
0.3397


 10.7222, 0.6192,
0.3397


 195.7516, 0.4419,
0.3570


 5.8804, 0.6720,
0.3247

 27.1453, 0.5524,
0.3557

 2.7725, 0.7143,
0.2857

 39.4954, 0.5275,
0.3584


 1.0141, 0.7736,
0.2264

 55.1170, 0.5068,
0.3595

 0.0000, 1.0000,
0.0000

 74.3945, 0.4894,
0.3596

 0.0000, 0.0000,
0.0000

 97.7123, 0.4747,
0.3593


 125.4548, 0.4622,

0.3587


 158.0065, 0.4513,
0.3579

 10.7222, 0.6192,
0.3397

 10.7222, 0.6192,
0.3397

 10.3631, 0.6301,
0.3379

 11.7806, 0.5900,
0.3442

 13.3520, 0.5505,
0.3467

 15.4923, 0.5065,
0.3470

 18.2491, 0.4633,
0.3456

 21.6654, 0.4243,
0.3430

■ 25.7800, 0.3907,
0.3400

■ 30.6288, 0.3627,
0.3367

■ 36.2452, 0.3397,
0.3335

■ 42.6607, 0.3208,
0.3304

Harmonies

Analogous

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



10.7222, 0.5625, 0.2610



10.7222, 0.6192, 0.3397



10.7222, 0.5626, 0.4374

Triad

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



10.7222, 0.6192, 0.3397



10.7222, 0.1848, 0.5693



10.7222, 0.1356, 0.1203

Complementary

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



10.7222, 0.6192, 0.3397



28.8676, 0.2157, 0.2939

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.



10.7222, 0.0900, 0.1326



10.7222, 0.6192, 0.3397



10.7222, 0.1042, 0.3391

Square

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



10.7222, 0.6192, 0.3397



10.7222, 0.3076, 0.6506



10.7222, 0.0790, 0.1912



10.7222, 0.2330, 0.1392

Rectangle

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



10.7222, 0.6192, 0.3397



10.7222, 0.4848, 0.5152



10.7222, 0.0790, 0.1912



10.7222, 0.1158, 0.1206

Sweetspot

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



10.7229, 0.6192, 0.3397



50.8312, 0.3745, 0.3382



12.6913, 0.3461, 0.1700



10.2171, 0.3866, 0.3395



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



10.7229, 0.6192, 0.3397



18.3935, 0.6318, 0.3366



21.4733, 0.5036, 0.4340



8.6595, 0.3284, 0.3317



7.1993, 0.6287, 0.3390



0.2776, 0.5915, 0.3685

Inverse Universe

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



28.8676, 0.2157, 0.2939



50.7291, 0.2143, 0.2913



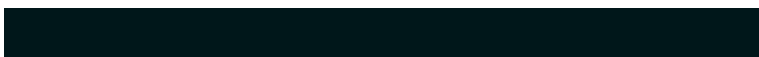
8.8124, 0.1722, 0.1360



9.4591, 0.2986, 0.3263



19.6761, 0.2146, 0.2924



0.6666, 0.2176, 0.3035

Previews

White Background



This preview shows how the Yxy color 10.7222, 0.6192, 0.3397 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 10.7222, 0.6192, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 10.7222, 0.6192, 0.3397.



This preview shows how white text looks on a background with the Yxy color 10.7222, 0.6192, 0.3397.

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

10.7222, 0.6192, 0.3397

Protanopia

11.0789, 0.4236, 0.4692

Deuteranopia

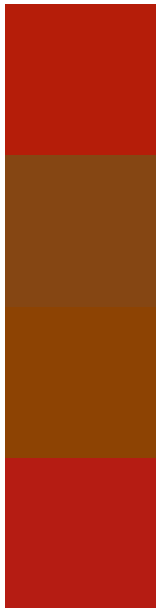
10.9963, 0.4683, 0.4663



Tritanopia

10.7245, 0.6078, 0.3318

Trichromacy



Original Color

10.7222, 0.6192, 0.3397

Protanomaly

9.4139, 0.5165, 0.4058

Deuteranomaly

9.6836, 0.5429, 0.4041

Tritanomaly

10.7013, 0.6133, 0.3351

Monochromacy



Original Color

10.7222, 0.6192, 0.3397

Achromatopsia

6.4803, 0.3127, 0.3290

Achromatomaly

6.4948, 0.4589, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7222, 0.6192, 0.3397 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(181, 29, 9)` looks like.

```
.text, #text, p{  
    color:rgb(181, 29, 9)  
}
```

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(181, 29, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 29, 9) }
```

Border

The CSS property to change the border of an element to Yxy 10.7222, 0.6192, 0.3397 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(181, 29, 9) }
```

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

```
.border{ border-color:rgb(181, 29, 9) }
```

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

Here you see how a box with a 4 pixel rgb(181, 29, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 29, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 29, 9);  
box-shadow:4px 4px 4px 4px rgb(181, 29, 9)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7222, 0.6192, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 29, 9) }
```

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

```
.background{ background-color: rgb(181, 29,  
9) }
```

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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