

Converting Colors

$Y_{xy}(10.7601, 0.5260, 0.3874)$

Have a look what the booklet for
Yxy(10.7601, 0.5260, 0.3874)
contains.

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Color

Yxy(10.7601, 0.5260, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	94461C
RGB	148, 70, 28
RGB Percent	58%, 27%, 11%
CMY	0.4197, 0.7254, 0.8902
CMYK	0.00, 0.53, 0.81, 0.42
HSL	21°, 68%, 35%
HSV	21°, 81%, 58%
XYZ	14.6097, 10.7601, 2.4053
YIQ	88.5340, 59.9700, 3.4740

Conversions

Conversions Part 2

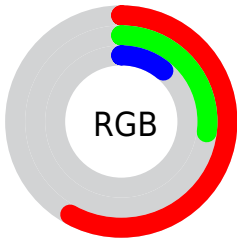
Format	Color
R_{YB}	148, 93, 28
Decimal	9717276
CIE _{Lab}	39.17, 30.02, 39.01
CIE _{LCh}	39, 49.223, 52.418
Yxy	10.7601, 0.5260, 0.3874
Android (android.graphics.Color)	4287907356 (0xFF94461C)
YUV	88.5340, -29.8433, 52.1517
Hunter-Lab	32.8026, 22.0964, 18.6142

Details

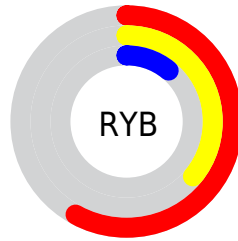
The Yxy color **10.7601, 0.5260, 0.3874** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.6835, 0.2050, 0.2369**, and the grayscale version is **9.9401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2063, 0.4745, 0.3829**, and **2.7980, 0.5978, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **9.5979, 0.5563, 0.3835**, and if you desaturate by 10%, it is **12.1510, 0.4926, 0.3866**.

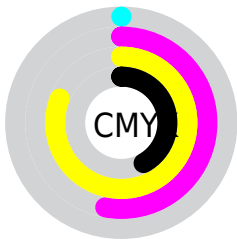
Distribution



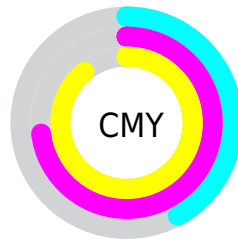
- Red (58%)
- Green (27%)
- Blue (11%)



- Red (58%)
- Yellow (36%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (81%)
- Black (42%)





- Cyan (42%)
- Magenta (73%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7601, 0.5260, 0.3874 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 10.7601, 0.5260, 0.3874 by changing the saturation by 10% instead.


 10.7601, 0.5260,
0.3874

 10.7601, 0.5260,
0.3874


196.0142, 0.3980,
0.3638


 5.9058, 0.5631,
0.3854

 27.2157, 0.4747,
0.3829


 2.7879, 0.6204,
0.3796

 39.5857, 0.4567,
0.3796


 1.0220, 0.6642,
0.3358

 55.2298, 0.4421,
0.3764

 0.0000, 1.0000,
0.0000

 74.5323, 0.4301,
0.3733


 0.0000, 0.0000,
0.0000


 97.8775, 0.4201,
0.3706


 125.6500, 0.4116,


0.3681


 158.2341, 0.4043,
0.3658


 10.7601, 0.5260,
0.3874


 10.7601, 0.5260,
0.3874


 9.5979, 0.5563,
0.3835


 12.1510, 0.4926,
0.3866

 8.7346, 0.5803,
0.3774

 13.7819, 0.4589,
0.3820

 15.6653, 0.4269,
0.3749

 17.8120, 0.3978,
0.3662

 20.2325, 0.3721,
0.3569

■ 22.9363, 0.3498,
0.3475

■ 25.9327, 0.3307,
0.3385

■ 29.2303, 0.3143,
0.3299

■ 32.8375, 0.3004,
0.3219

Harmonies

Analogous

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



10.7601, 0.5069, 0.3154



10.7601, 0.5260, 0.3874



10.7601, 0.4779, 0.4638

Triad

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



10.7601, 0.5260, 0.3874



10.7601, 0.2024, 0.4241



10.7601, 0.2090, 0.1751

Complementary

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



10.7601, 0.5260, 0.3874



12.6835, 0.2050, 0.2369

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.



10.7601, 0.1549, 0.1771



10.7601, 0.5260, 0.3874



10.7601, 0.1491, 0.2966

Square

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



10.7601, 0.5260, 0.3874



10.7601, 0.2916, 0.5251



10.7601, 0.1353, 0.2134



10.7601, 0.3011, 0.2009

Rectangle

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



10.7601, 0.5260, 0.3874



10.7601, 0.4228, 0.5100



10.7601, 0.1353, 0.2134



10.7601, 0.1868, 0.1725

Sweetspot

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



10.7607, 0.5260, 0.3874



38.8029, 0.3570, 0.3507



8.1647, 0.4028, 0.2160



8.5034, 0.3643, 0.3537



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



10.7607, 0.5260, 0.3874



15.5913, 0.5763, 0.3773



22.3382, 0.4334, 0.4746



6.1279, 0.3274, 0.3368



7.5103, 0.5792, 0.3783



0.1434, 0.5064, 0.4361

Inverse Universe

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



12.6835, 0.2050, 0.2369



18.8020, 0.1932, 0.2137



4.3380, 0.1716, 0.1095



6.2238, 0.2989, 0.3211



9.0498, 0.1925, 0.2131



0.1662, 0.2088, 0.2715

Previews

White Background



This preview shows how the Yxy color 10.7601, 0.5260, 0.3874 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



This preview shows how the Yxy color 10.7601, 0.5260, 0.3874 looks on a 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 10.7601, 0.5260, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 10.7601, 0.5260, 0.3874.



This preview shows how white text looks on a background with the Yxy color 10.7601, 0.5260, 0.3874.

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

10.7601, 0.5260, 0.3874

Protanopia

10.8873, 0.4149, 0.4557

Deuteranopia

10.8155, 0.4568, 0.4507



Tritanopia

10.8227, 0.4664, 0.3229

Trichromacy



Original Color

10.7601, 0.5260, 0.3874

Protanomaly

10.5944, 0.4563, 0.4295

Deuteranomaly

10.5400, 0.4840, 0.4247

Tritanomaly

10.6797, 0.4924, 0.3484

Monochromacy



Original Color

10.7601, 0.5260, 0.3874

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.7548, 0.3895, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7601, 0.5260, 0.3874 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(148, 70, 28)` looks like.

```
.text, #text, p{  
  color:rgb(148, 70, 28)  
}
```

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(148, 70, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 70, 28) }
```

Border

The CSS property to change the border of an element to Yxy 10.7601, 0.5260, 0.3874 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(148, 70, 28) }
```

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

```
.border{ border-color:rgb(148, 70, 28) }
```

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

Here you see how a box with a 4 pixel rgb(148, 70, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 70, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 70, 28);  
box-shadow:4px 4px 4px 4px rgb(148, 70,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7601, 0.5260, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 70, 28) }
```

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

```
.background{ background-color: rgb(148, 70,  
28) }
```

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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