

Converting Colors

$Y_{xy}(10.5432, 0.5137, 0.4079)$

Have a look what the booklet for
Yxy(10.5432, 0.5137, 0.4079)
contains.

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Color

Yxy(10.5753, 0.5130, 0.4079)

Conversions

Conversions Part 1

Format	Color
Hex	8B4B15
RGB	139, 75, 21
RGB Percent	55%, 29%, 8%
CMY	0.4549, 0.7059, 0.9176
CMYK	0.00, 0.46, 0.85, 0.45
HSL	27°, 74%, 31%
HSV	27°, 85%, 55%
XYZ	13.3001, 10.5753, 2.0508
YIQ	87.9800, 55.4780, -3.2260

Conversions

Conversions Part 2

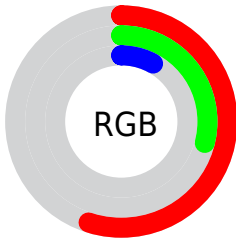
Format	Color
RYB	139, 121, 21
Decimal	9128725
CIELab	38.86, 23.14, 41.37
CIElCh	39, 47.396, 60.782
Yxy	10.5753, 0.5130, 0.4079
Android (android.graphics.Color)	4287318805 (0xFF8B4B15)
YUV	87.9800, -33.0211, 44.7445
Hunter-Lab	32.5197, 16.0948, 19.0248

Details

The Yxy color **10.5753, 0.5130, 0.4079** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **8.5262, 0.1940, 0.2011**, and the grayscale version is **9.8195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7153, 0.4662, 0.3978**, and **2.7177, 0.5693, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **9.5742, 0.5373, 0.4043**, and if you desaturate by 10%, it is **11.7269, 0.4857, 0.4065**.

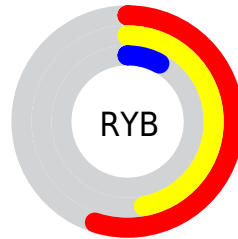
Distribution



Red (55%)

Green (29%)

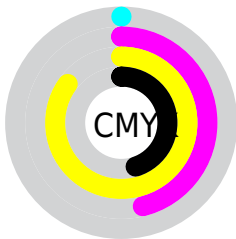
Blue (8%)



Red (55%)

Yellow (47%)

Blue (8%)

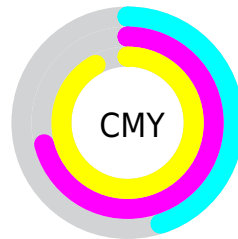


Cyan (0%)

Magenta (46%)

Yellow (85%)

Black (45%)



Cyan (45%)


Magenta (71%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5753, 0.5130, 0.4079 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 10.5753, 0.5130, 0.4079 by changing the saturation by 10% instead.


 10.5753, 0.5130,
0.4079

 10.5753, 0.5130,
0.4079


194.7302, 0.3937,
0.3714


 5.7820, 0.5478,
0.4106


 26.8721, 0.4658,
0.3982


 2.7130, 0.5936,
0.4064

 39.1444, 0.4490,
0.3930


 0.9838, 0.6308,
0.3692

 54.6786, 0.4354,
0.3883

 0.0000, 1.0000,
0.0000


 73.8589, 0.4241,
0.3841


 0.0000, 0.0000,
0.0000


 97.0698, 0.4146,
0.3804


 124.6958, 0.4066,

0.3770


 157.1211, 0.3997,
0.3740

 10.5753, 0.5130,
0.4079


 10.5753, 0.5130,
0.4079


 9.5742, 0.5373,
0.4043


 11.7269, 0.4857,
0.4065

 9.1107, 0.5495,
0.4018

 13.0361, 0.4571,
0.4009

 14.5105, 0.4288,
0.3921

 16.1570, 0.4022,
0.3813

 17.9817, 0.3779,
0.3695

■ 19.9905, 0.3561,
0.3574

■ 22.1890, 0.3369,
0.3456

■ 24.5823, 0.3201,
0.3343

■ 27.1757, 0.3055,
0.3236

Harmonies

Analogous

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



10.5753, 0.5140, 0.3357



10.5753, 0.5130, 0.4079



10.5753, 0.4537, 0.4813

Triad

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



10.5753, 0.5130, 0.4079



10.5753, 0.1871, 0.3850



10.5753, 0.2333, 0.1831

Complementary

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



10.5753, 0.5130, 0.4079



8.5262, 0.1940, 0.2011

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.



10.5753, 0.1699, 0.1773



10.5753, 0.5130, 0.4079



10.5753, 0.1458, 0.2703

Square

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



10.5753, 0.5130, 0.4079



10.5753, 0.2665, 0.4992



10.5753, 0.1415, 0.2028



10.5753, 0.3322, 0.2155

Rectangle

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



10.5753, 0.5130, 0.4079



10.5753, 0.3957, 0.5194



10.5753, 0.1415, 0.2028



10.5753, 0.2080, 0.1781

Sweetspot

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



10.5759, 0.5130, 0.4079



35.5444, 0.3575, 0.3582



6.6974, 0.4387, 0.2333



7.9262, 0.3640, 0.3620



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



10.5759, 0.5130, 0.4079



15.9897, 0.5529, 0.3992



22.3488, 0.4212, 0.4907



5.4009, 0.3270, 0.3390



8.2555, 0.5489, 0.4024



0.0836, 0.4842, 0.4538

Inverse Universe

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



8.5262, 0.1940, 0.2011



12.1156, 0.1812, 0.1724



2.8043, 0.1632, 0.0854



5.3123, 0.2991, 0.3188



6.3092, 0.1824, 0.1765



0.0712, 0.2024, 0.2488

Previews

White Background



This preview shows how the Yxy color 10.5753, 0.5130, 0.4079 looks on a white background.

Color Contrast Check

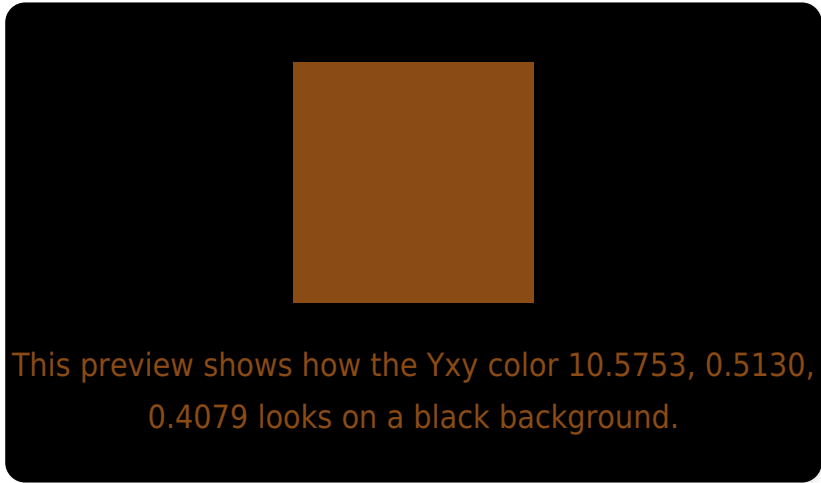
Large Text (above 18pt) WCAG AA ✓ Pass

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

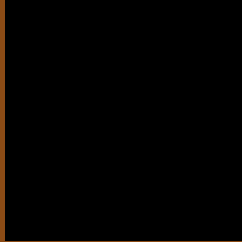
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5753, 0.5130, 0.4079

Background



This preview shows how black text looks on a background with the Yxy color 10.5753, 0.5130, 0.4079.



This preview shows how white text looks on a background with the Yxy color 10.5753, 0.5130, 0.4079.

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

10.5753, 0.5130, 0.4079

Protanopia

10.6080, 0.4234, 0.4680

Deuteranopia

10.5611, 0.4619, 0.4564



Tritanopia

10.5510, 0.4387, 0.3204

Trichromacy



Original Color

10.5753, 0.5130, 0.4079

Protanomaly

10.4345, 0.4562, 0.4451

Deuteranomaly

10.5121, 0.4800, 0.4385

Tritanomaly

10.4860, 0.4731, 0.3589

Monochromacy



Original Color

10.5753, 0.5130, 0.4079

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.6825, 0.3885, 0.3731

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5753, 0.5130, 0.4079 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(139, 75, 21)` looks like.

```
.text, #text, p{  
    color:rgb(139, 75, 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(139, 75, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 75, 21) }
```

Border

The CSS property to change the border of an element to Yxy 10.5753, 0.5130, 0.4079 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(139, 75, 21) }
```

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

```
.border{ border-color:rgb(139, 75, 21) }
```

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

Here you see how a box with a 4 pixel rgb(139, 75, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 75, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 75, 21);  
box-shadow:4px 4px 4px 4px rgb(139, 75,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5753, 0.5130, 0.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 75, 21) }
```

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

```
.background{ background-color: rgb(139, 75,  
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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