

Converting Colors

$Y_{xy}(10.3681, 0.5268, 0.3777)$

Have a look what the booklet for
Yxy(10.3681, 0.5268, 0.3777)
contains.

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Color

Yxy(10.4145, 0.5264, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	944320
RGB	148, 67, 32
RGB Percent	58%, 26%, 13%
CMY	0.4196, 0.7372, 0.8745
CMYK	0.00, 0.55, 0.78, 0.42
HSL	18°, 64%, 35%
HSV	18°, 78%, 58%
XYZ	14.4802, 10.4145, 2.6133
YIQ	87.2290, 59.5110, 6.2870

Conversions

Conversions Part 2

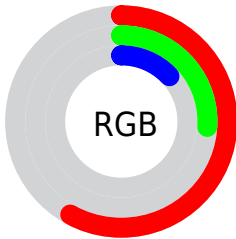
Format	Color
R_{YB}	148, 82, 32
Decimal	9716512
CIE _{Lab}	38.58, 31.80, 36.41
CIE _{LCh}	39, 48.340, 48.863
Yxy	10.4145, 0.5264, 0.3786
Android (android.graphics.Color)	4287906592 (0xFF944320)
YUV	87.2290, -27.2279, 53.2962
Hunter-Lab	32.2715, 23.6175, 17.7889

Details

The Yxy color **10.4145, 0.5264, 0.3786** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.2522, 0.2106, 0.2534**, and the grayscale version is **9.6337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.5380, 0.4742, 0.3760**, and **2.6568, 0.6072, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **9.2309, 0.5597, 0.3754**, and if you desaturate by 10%, it is **11.8547, 0.4904, 0.3776**.

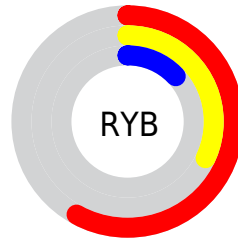
Distribution



Red (58%)

Green (26%)

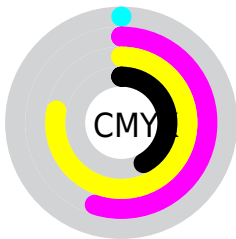
Blue (13%)



Red (58%)

Yellow (32%)

Blue (13%)

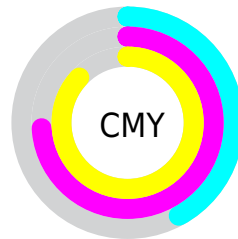


Cyan (0%)

Magenta (55%)

Yellow (78%)

Black (42%)



Cyan (42%)


Magenta (74%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4145, 0.5264, 0.3786 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 10.4145, 0.5264, 0.3786 by changing the saturation by 10% instead.


 10.4145, 0.5264,
0.3786


 10.4145, 0.5264,
0.3786


193.6054, 0.3967,
0.3595


 5.6746, 0.5650,
0.3755

 26.5723, 0.4738,
0.3756


 2.6483, 0.6293,
0.3707

 38.7590, 0.4555,
0.3729


 0.9510, 0.6763,
0.3237

 54.1967, 0.4408,
0.3702

 0.0000, 1.0000,
0.0000


 73.2700, 0.4288,
0.3677


 0.0000, 0.0000,
0.0000


 96.3630, 0.4187,
0.3653


 123.8604, 0.4103,

0.3632


 156.1463, 0.4030,
0.3613


 10.4145, 0.5264,
0.3786


 10.4145, 0.5264,
0.3786


 9.2309, 0.5597,
0.3754


 11.8547, 0.4904,
0.3776


 8.2816, 0.5882,
0.3686

 13.5649, 0.4549,
0.3732

 8.1471, 0.5927,
0.3676

 15.5595, 0.4219,
0.3667

 17.8511, 0.3924,
0.3590

 20.4519, 0.3667,
0.3509

■ 23.3729, 0.3447,
0.3429

■ 26.6249, 0.3261,
0.3351

■ 30.2181, 0.3103,
0.3279

■ 34.1622, 0.2970,
0.3212

Harmonies

Analogous

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



10.4145, 0.4982, 0.3076



10.4145, 0.5264, 0.3786



10.4145, 0.4853, 0.4543

Triad

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



10.4145, 0.5264, 0.3786



10.4145, 0.2122, 0.4387



10.4145, 0.2013, 0.1746

Complementary

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



10.4145, 0.5264, 0.3786



14.2522, 0.2106, 0.2534

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.



10.4145, 0.1518, 0.1803



10.4145, 0.5264, 0.3786



10.4145, 0.1541, 0.3102

Square

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



10.4145, 0.5264, 0.3786



10.4145, 0.3037, 0.5291



10.4145, 0.1360, 0.2213



10.4145, 0.2886, 0.1972

Rectangle

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



10.4145, 0.5264, 0.3786



10.4145, 0.4330, 0.5018



10.4145, 0.1360, 0.2213



10.4145, 0.1807, 0.1732

Sweetspot

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



10.4151, 0.5264, 0.3786



38.0302, 0.3577, 0.3478



8.5252, 0.3858, 0.2092



8.3101, 0.3652, 0.3504



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.



10.4151, 0.5264, 0.3786



14.9995, 0.5809, 0.3701



21.0157, 0.4379, 0.4652



6.0839, 0.3275, 0.3357



7.0026, 0.5916, 0.3684



0.1326, 0.5182, 0.4267

Inverse Universe

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



14.2522, 0.2106, 0.2534



21.7359, 0.1993, 0.2339



5.1962, 0.1778, 0.1263



6.2697, 0.2990, 0.3222



10.2176, 0.1972, 0.2300



0.1769, 0.2113, 0.2808

Previews

White Background



This preview shows how the Yxy color 10.4145, 0.5264, 0.3786 looks on a white background.

Color Contrast Check

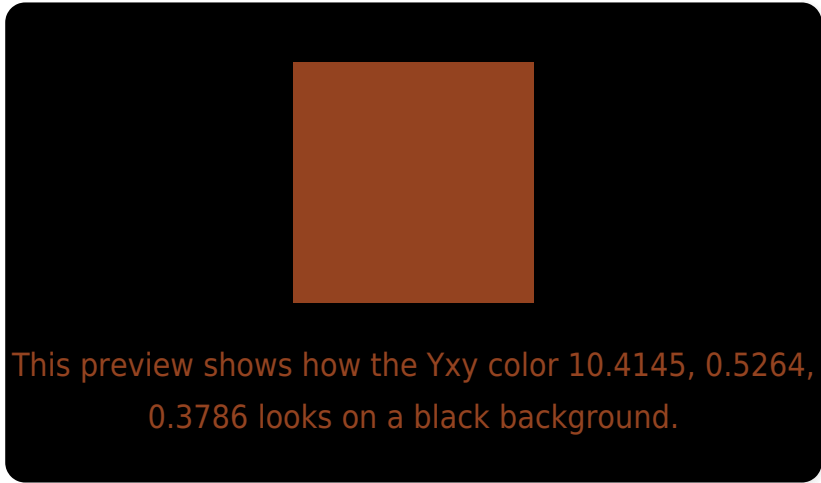
Large Text (above 18pt) WCAG AA ✓ Pass

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

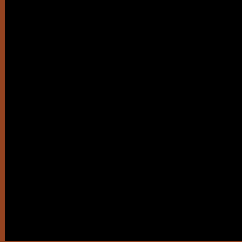
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.4145, 0.5264, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 10.4145, 0.5264, 0.3786.



This preview shows how white text looks on a background with the Yxy color 10.4145, 0.5264, 0.3786.

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

10.4145, 0.5264, 0.3786

Protanopia

10.6256, 0.4071, 0.4472

Deuteranopia

10.5358, 0.4510, 0.4455



Tritanopia

10.3498, 0.4739, 0.3230

Trichromacy



Original Color

10.4145, 0.5264, 0.3786

Protanomaly

10.2358, 0.4531, 0.4209

Deuteranomaly

10.3332, 0.4803, 0.4195

Tritanomaly

10.3227, 0.4979, 0.3451

Monochromacy



Original Color

10.4145, 0.5264, 0.3786

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.3938, 0.3893, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4145, 0.5264, 0.3786 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, 67, 32)` looks like.

```
.text, #text, p{  
    color:rgb(148, 67, 32)  
}
```

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, 67, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 67, 32) }
```

Border

The CSS property to change the border of an element to Yxy 10.4145, 0.5264, 0.3786 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, 67, 32) }
```

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

```
.border{ border-color:rgb(148, 67, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 67, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 67, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 67, 32);  
box-shadow:4px 4px 4px 4px rgb(148, 67,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 10.4145, 0.5264, 0.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 67, 32) }
```

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

```
.background{ background-color: rgb(148, 67,  
32) }
```

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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