

Converting Colors

$Y_{xy}(20.1431, 0.4186, 0.3416)$

Have a look what the booklet for
Yxy(20.1431, 0.4186, 0.3416)
contains.

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Color

Yxy(20.0741, 0.4182, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	AD6A62
RGB	173, 106, 98
RGB Percent	68%, 42%, 38%
CMY	0.3216, 0.5843, 0.6157
CMYK	0.00, 0.39, 0.43, 0.32
HSL	6°, 31%, 53%
HSV	6°, 43%, 68%
XYZ	24.5899, 20.0741, 14.1354
YIQ	125.1210, 42.5000, 11.7160

Conversions

Conversions Part 2

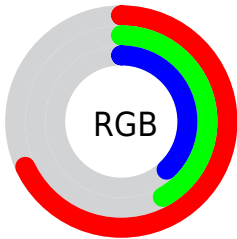
Format	Color
R_{YB}	173, 107, 98
Decimal	11364962
CIE _{Lab}	51.92, 25.84, 15.84
CIE _{LCh}	52, 30.302, 31.506
Yxy	20.0741, 0.4182, 0.3414
Android (android.graphics.Color)	4289555042 (0xFFAD6A62)
YUV	125.1210, -13.3707, 41.9899
Hunter-Lab	44.8041, 19.5591, 12.6573

Details

The Yxy color **20.0741, 0.4182, 0.3414** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.5161, 0.2528, 0.3158**, and the grayscale version is **20.5871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6126, 0.3941, 0.3397**, and **7.0257, 0.4620, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **16.8795, 0.4565, 0.3438**, and if you desaturate by 10%, it is **23.9151, 0.3855, 0.3385**.

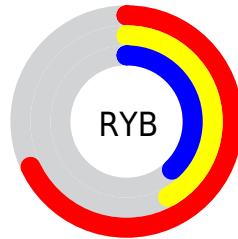
Distribution



Red (68%)

Green (42%)

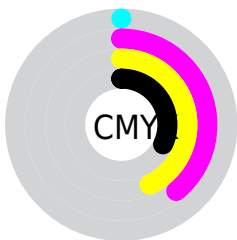
Blue (38%)



Red (68%)

Yellow (42%)

Blue (38%)

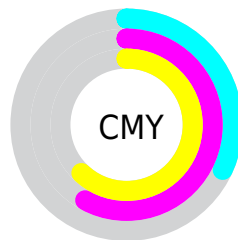


Cyan (0%)

Magenta (39%)

Yellow (43%)

Black (32%)



Cyan (32%)


Magenta (58%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0741, 0.4182, 0.3414 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 20.0741, 0.4182, 0.3414 by changing the saturation by 10% instead.


 20.0741, 0.4182,
0.3414


 20.0741, 0.4182,
0.3414


252.3160, 0.3576,
0.3364


 12.4489, 0.4365,
0.3418


 43.5414, 0.3940,
0.3401


 7.0502, 0.4622,
0.3415


 60.1523, 0.3856,
0.3394

 3.4935, 0.5004,
0.3390

 80.5272, 0.3787,
0.3388

 1.3945, 0.5794,
0.3401

 105.0505, 0.3730,
0.3382

 0.2127, 0.7966,
0.2034


134.1067, 0.3682,
0.3377


 0.0000, 0.0000,
0.0000


168.0800, 0.3642,


0.3372


207.3550, 0.3606,
0.3368


 20.0741, 0.4182,
0.3414


 20.0741, 0.4182,
0.3414

 16.8795, 0.4565,
0.3438


 23.9151, 0.3855,
0.3385


 14.2930, 0.4992,
0.3453


 28.4322, 0.3584,
0.3355


 12.2767, 0.5436,
0.3454


 33.6570, 0.3362,
0.3326

 10.7871, 0.5845,
0.3434


 39.6180, 0.3180,
0.3299

 9.7746, 0.6158,
0.3396

 46.3424, 0.3032,
0.3273

 9.3305, 0.6309,
0.3373

 53.8556, 0.2911,
0.3250

 62.1823, 0.2811,
0.3230

 71.3459, 0.2728,
0.3211

 81.3687, 0.2659,
0.3194

Harmonies

Analogous

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



20.0741, 0.3819, 0.2991



20.0741, 0.4182, 0.3414



20.0741, 0.4224, 0.3845

Triad

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



20.0741, 0.4182, 0.3414



20.0741, 0.2917, 0.4086



20.0741, 0.2321, 0.2422

Complementary

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



20.0741, 0.4182, 0.3414



32.5161, 0.2528, 0.3158

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.



20.0741, 0.2132, 0.2611



20.0741, 0.4182, 0.3414



20.0741, 0.2450, 0.3576

Square

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



20.0741, 0.4182, 0.3414



20.0741, 0.3468, 0.4311



20.0741, 0.2174, 0.3018



20.0741, 0.2720, 0.2443

Rectangle

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



20.0741, 0.4182, 0.3414



20.0741, 0.4071, 0.4093



20.0741, 0.2174, 0.3018



20.0741, 0.2233, 0.2460

Sweetspot

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



20.0751, 0.4182, 0.3414



60.4068, 0.3359, 0.3326



20.3535, 0.3267, 0.2338



12.6663, 0.3403, 0.3332



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



20.0751, 0.4182, 0.3414



30.4621, 0.4547, 0.3437



29.4074, 0.3935, 0.3955



8.1479, 0.3284, 0.3315



6.8993, 0.6297, 0.3382



0.2348, 0.5929, 0.3674

Inverse Universe

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



32.5161, 0.2528, 0.3158



55.6308, 0.2425, 0.3124



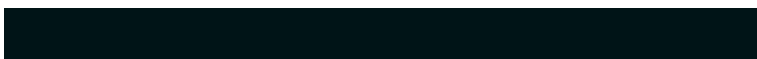
21.0513, 0.2420, 0.2510



8.9238, 0.2986, 0.3265



19.3735, 0.2155, 0.2956



0.5798, 0.2185, 0.3066

Previews

White Background



This preview shows how the Yxy color 20.0741, 0.4182, 0.3414 looks on a white background.

Color Contrast Check

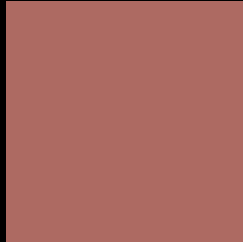
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 20.0741, 0.4182, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

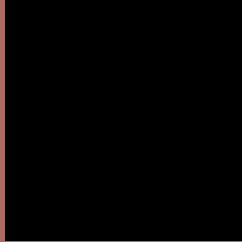
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0741, 0.4182, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 20.0741, 0.4182, 0.3414.



This preview shows how white text looks on a background with the Yxy color 20.0741, 0.4182, 0.3414.

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

20.0741, 0.4182, 0.3414

Protanopia

20.2227, 0.3399, 0.3605

Deuteranopia

20.1492, 0.3767, 0.3691



Tritanopia

20.0692, 0.4004, 0.3172

Trichromacy



Original Color

20.0741, 0.4182, 0.3414

Protanomaly

19.8330, 0.3674, 0.3518

Deuteranomaly

19.9656, 0.3918, 0.3574

Tritanomaly

20.1634, 0.4071, 0.3263

Monochromacy



Original Color

20.0741, 0.4182, 0.3414

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9455, 0.3475, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0741, 0.4182, 0.3414 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(173, 106, 98)` looks like.

```
.text, #text, p{  
    color:rgb(173, 106, 98)  
}
```

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(173, 106, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 106, 98) }
```

Border

The CSS property to change the border of an element to Yxy 20.0741, 0.4182, 0.3414 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(173, 106, 98) }
```

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

```
.border{ border-color:rgb(173, 106, 98) }
```

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

Here you see how a box with a 4 pixel rgb(173, 106, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 106, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 106, 98);  
box-shadow:4px 4px 4px 4px rgb(173, 106,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0741, 0.4182, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 106, 98) }
```

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

```
.background{ background-color: rgb(173,  
106, 98) }
```

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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