

Converting Colors

$Y_{xy}(10.3214, 0.4648, 0.3278)$

Have a look what the booklet for
Yxy(10.3214, 0.4648, 0.3278)
contains.

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Color

Yxy(10.3214, 0.4648, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	914243
RGB	145, 66, 67
RGB Percent	57%, 26%, 26%
CMY	0.4315, 0.7411, 0.7373
CMYK	0.00, 0.54, 0.54, 0.43
HSL	359°, 37%, 41%
HSV	359°, 54%, 57%
XYZ	14.6351, 10.3214, 6.5304
YIQ	89.7350, 46.7630, 17.0590

Conversions

Conversions Part 2

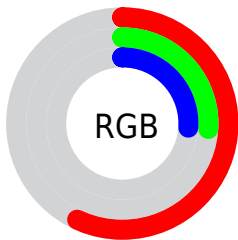
Format	Color
R_{YB}	145, 66, 67
Decimal	9519683
CIE _{Lab}	38.41, 33.45, 15.53
CIE _{LCh}	38, 36.881, 24.901
Yxy	10.3214, 0.4648, 0.3278
Android (android.graphics.Color)	4287709763 (0xFF914243)
YUV	89.7350, -11.2084, 48.4674
Hunter-Lab	32.1269, 25.0917, 10.4371

Details

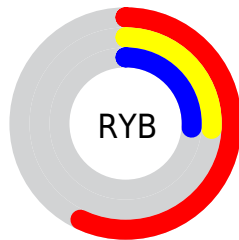
The Yxy color **10.3214, 0.4648, 0.3278** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **23.4161, 0.2458, 0.3307**, and the grayscale version is **10.1809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2851, 0.4239, 0.3306**, and **2.6102, 0.5499, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **8.6855, 0.5101, 0.3278**, and if you desaturate by 10%, it is **12.4303, 0.4241, 0.3279**.

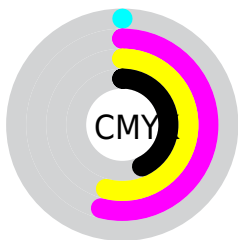
Distribution



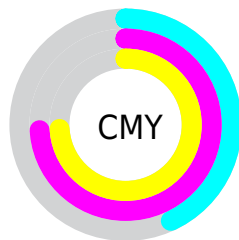
- Red (57%)
- Green (26%)
- Blue (26%)



- Red (57%)
- Yellow (26%)
- Blue (26%)



- Cyan (0%)
- Magenta (54%)
- Yellow (54%)
- Black (43%)





- Cyan (43%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3214, 0.4648, 0.3278 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 10.3214, 0.4648, 0.3278 by changing the saturation by 10% instead.


 10.3214, 0.4648,
0.3278


 10.3214, 0.4648,
0.3278


192.9508, 0.3695,
0.3323


 5.6126, 0.4983,
0.3234

 26.3983, 0.4239,
0.3312


 2.6110, 0.5488,
0.3137

 38.5351, 0.4106,
0.3318


 0.9322, 0.6851,
0.3149

 53.9168, 0.4001,
0.3322

 0.0000, 1.0000,
0.0000

 72.9276, 0.3916,
0.3323

 0.0000, 0.0000,
0.0000

 95.9521, 0.3847,
0.3324

 123.3745, 0.3788,

0.3324

155.5793, 0.3738,
0.3323

■ 10.3214, 0.4648,
0.3278

■ 10.3214, 0.4648,
0.3278

■ 8.6855, 0.5101,
0.3278

■ 12.4303, 0.4241,
0.3279

■ 7.4847, 0.5562,
0.3281

■ 15.0432, 0.3896,
0.3281

■ 6.6780, 0.5969,
0.3285

■ 18.1901, 0.3612,
0.3284

■ 6.2132, 0.6256,
0.3291

■ 21.8985, 0.3382,
0.3286

■ 6.0214, 0.6383,
0.3290

■ 26.1938, 0.3197,
0.3289

■ 31.1000, 0.3049,
0.3291

■ 36.6395, 0.2929,
0.3294

■ 42.8340, 0.2831,
0.3296

■ 49.7037, 0.2752,
0.3297

Harmonies

Analogous

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



10.3214, 0.3999, 0.2719



10.3214, 0.4648, 0.3278



10.3214, 0.4791, 0.3888

Triad

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



10.3214, 0.4648, 0.3278



10.3214, 0.2947, 0.4687



10.3214, 0.1881, 0.2064

Complementary

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



10.3214, 0.4648, 0.3278



23.4161, 0.2458, 0.3307

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.



10.3214, 0.1691, 0.2365



10.3214, 0.4648, 0.3278



10.3214, 0.2237, 0.3923

Square

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



10.3214, 0.4648, 0.3278



10.3214, 0.3750, 0.4845



10.3214, 0.1803, 0.3009



10.3214, 0.2365, 0.2053

Rectangle

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



10.3214, 0.4648, 0.3278



10.3214, 0.4597, 0.4288



10.3214, 0.1803, 0.3009



10.3214, 0.1785, 0.2129

Sweetspot

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



10.3219, 0.4648, 0.3278



37.9069, 0.3422, 0.3286



11.8415, 0.3166, 0.2027



8.1565, 0.3461, 0.3285



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



10.3219, 0.4648, 0.3278



15.0941, 0.5190, 0.3279



16.3488, 0.4262, 0.3953



5.4251, 0.3279, 0.3288



5.1670, 0.6382, 0.3289



0.0496, 0.6291, 0.3239

Inverse Universe

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



10.3219, 0.4648, 0.3278



15.0941, 0.5190, 0.3279



13.6796, 0.2289, 0.2486



5.4251, 0.3279, 0.3288



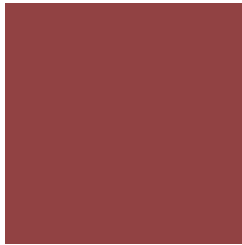
5.1670, 0.6382, 0.3289



0.0496, 0.6291, 0.3239

Previews

White Background



This preview shows how the Yxy color 10.3214, 0.4648, 0.3278 looks on a white background.

Color Contrast Check

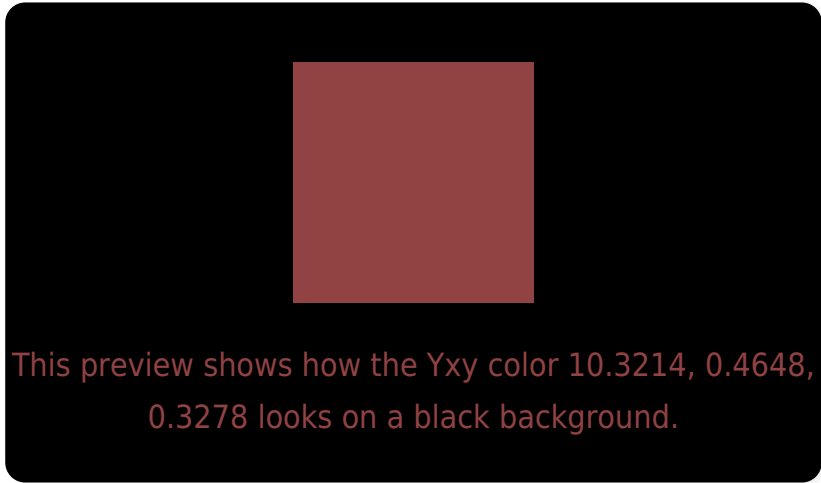
Large Text (above 18pt) WCAG AA ✓ Pass

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

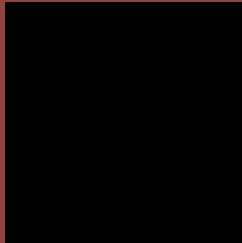
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3214, 0.4648, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 10.3214, 0.4648, 0.3278.



This preview shows how white text looks on a background with the Yxy color 10.3214, 0.4648, 0.3278.

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

10.3214, 0.4648, 0.3278

Protanopia

10.5190, 0.3407, 0.3606

Deuteranopia

10.4265, 0.3902, 0.3834



Tritanopia

10.3584, 0.4588, 0.3226

Trichromacy



Original Color

10.3214, 0.4648, 0.3278

Protanomaly

10.1064, 0.3841, 0.3468

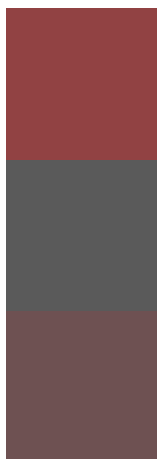
Deuteranomaly

10.0997, 0.4191, 0.3603

Tritanomaly

10.3458, 0.4608, 0.3243

Monochromacy



Original Color

10.3214, 0.4648, 0.3278

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.8091, 0.3631, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3214, 0.4648, 0.3278 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(145, 66, 67)` looks like.

```
.text, #text, p{  
    color:rgb(145, 66, 67)  
}
```

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(145, 66, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 66, 67) }
```

Border

The CSS property to change the border of an element to Yxy 10.3214, 0.4648, 0.3278 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(145, 66, 67) }
```

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

```
.border{ border-color:rgb(145, 66, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 66, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 66, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 66, 67);  
box-shadow:4px 4px 4px 4px rgb(145, 66,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3214, 0.4648, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 66, 67) }
```

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

```
.background{ background-color: rgb(145, 66,  
67) }
```

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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