

Converting Colors

$Y_{xy}(13.9775, 0.4951, 0.3486)$

Have a look what the booklet for
Yxy(13.9775, 0.4951, 0.3486)
contains.

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Color

Yxy(13.9517, 0.4957, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	A94C3E
RGB	169, 76, 62
RGB Percent	66%, 30%, 24%
CMY	0.3373, 0.7019, 0.7568
CMYK	0.00, 0.55, 0.63, 0.34
HSL	8°, 46%, 45%
HSV	8°, 63%, 66%
XYZ	19.8162, 13.9517, 6.2083
YIQ	102.2110, 59.9220, 15.3620

Conversions

Conversions Part 2

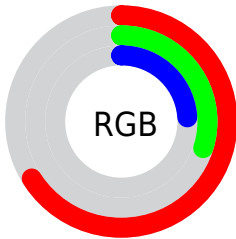
Format	Color
RYB	169, 78, 62
Decimal	11095102
CIELab	44.16, 37.16, 26.75
CIElCh	44, 45.784, 35.754
Yxy	13.9517, 0.4957, 0.3490
Android (android.graphics.Color)	4289285182 (0xFFA94C3E)
YUV	102.2110, -19.8240, 58.5740
Hunter-Lab	37.3520, 29.3330, 16.2917

Details

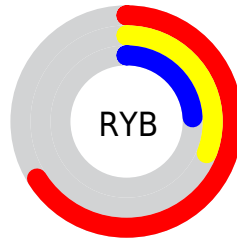
The Yxy color **13.9517, 0.4957, 0.3490** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27.3349, 0.2321, 0.3040**, and the grayscale version is **13.3873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9625, 0.4518, 0.3487**, and **4.1218, 0.5762, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **11.9965, 0.5392, 0.3492**, and if you desaturate by 10%, it is **16.4284, 0.4539, 0.3471**.

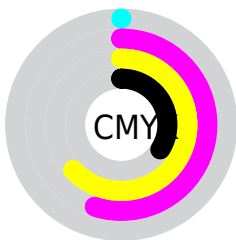
Distribution



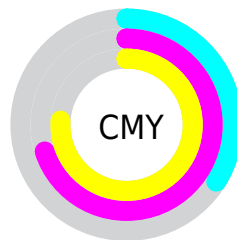
- Red (66%)
- Green (30%)
- Blue (24%)



- Red (66%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (63%)
- Black (34%)





- Cyan (34%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9517, 0.4957, 0.3490 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 13.9517, 0.4957, 0.3490 by changing the saturation by 10% instead.


 13.9517, 0.4957,
0.3490


 13.9517, 0.4957,
0.3490


216.9301, 0.3863,
0.3438

 8.0871, 0.5296,
0.3462


 33.0033, 0.4511,
0.3494

 4.1507, 0.5764,
0.3384

 46.9591, 0.4359,
0.3487


 1.7582, 0.6689,
0.3311

 64.3807, 0.4235,
0.3479

 0.4609, 0.7591,
0.2409

 85.6525, 0.4134,
0.3470

 0.0000, 1.0000,
0.0000

 111.1590, 0.4050,
0.3461

 0.0000, 0.0000,
0.0000

 141.2845, 0.3978,

0.3453

176.4134, 0.3917,
0.3445

■ 13.9517, 0.4957,
0.3490

■ 13.9517, 0.4957,
0.3490

■ 11.9965, 0.5392,
0.3492

■ 16.4284, 0.4539,
0.3471

■ 10.5229, 0.5798,
0.3471

■ 19.4579, 0.4165,
0.3441

■ 9.4893, 0.6117,
0.3427

■ 23.0718, 0.3846,
0.3406

■ 9.0123, 0.6277,
0.3398

■ 27.2989, 0.3579,
0.3369

■ 32.1656, 0.3359,
0.3334

■ 37.6972, 0.3179,
0.3300

■ 43.9173, 0.3032,
0.3270

■ 50.8487, 0.2910,
0.3242

■ 58.5127, 0.2810,
0.3216

Harmonies

Analogous

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



13.9517, 0.4419, 0.2861



13.9517, 0.4957, 0.3490



13.9517, 0.4876, 0.4158

Triad

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



13.9517, 0.4957, 0.3490



13.9517, 0.2600, 0.4632



13.9517, 0.1909, 0.1906

Complementary

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



13.9517, 0.4957, 0.3490



27.3349, 0.2321, 0.3040

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.



13.9517, 0.1593, 0.2100



13.9517, 0.4957, 0.3490



13.9517, 0.1921, 0.3607

Square

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



13.9517, 0.4957, 0.3490



13.9517, 0.3474, 0.5067



13.9517, 0.1587, 0.2656



13.9517, 0.2550, 0.1998

Rectangle

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



13.9517, 0.4957, 0.3490



13.9517, 0.4535, 0.4589



13.9517, 0.1587, 0.2656



13.9517, 0.1769, 0.1936

Sweetspot

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



13.9525, 0.4957, 0.3490



52.2068, 0.3487, 0.3355



14.2997, 0.3370, 0.1997



10.8744, 0.3550, 0.3365



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



13.9525, 0.4957, 0.3490



20.3149, 0.5563, 0.3487



24.2181, 0.4370, 0.4242



7.6946, 0.3282, 0.3320



6.7639, 0.6264, 0.3408



0.2109, 0.5815, 0.3765

Inverse Universe

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



27.3349, 0.2321, 0.3040



46.0402, 0.2221, 0.2976



13.5949, 0.2089, 0.2029



8.3622, 0.2987, 0.3260



17.7200, 0.2133, 0.2879



0.4759, 0.2174, 0.3027

Previews

White Background



This preview shows how the Yxy color 13.9517, 0.4957, 0.3490 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 13.9517, 0.4957, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

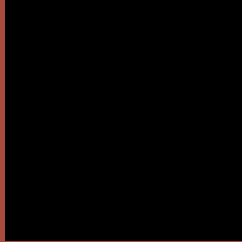
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9517, 0.4957, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 13.9517, 0.4957, 0.3490.



This preview shows how white text looks on a background with the Yxy color 13.9517, 0.4957, 0.3490.

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

13.9517, 0.4957, 0.3490

Protanopia

14.0949, 0.3681, 0.3971

Deuteranopia

13.9989, 0.4173, 0.4115



Tritanopia

14.0081, 0.4702, 0.3223

Trichromacy



Original Color

13.9517, 0.4957, 0.3490

Protanomaly

13.4216, 0.4141, 0.3769

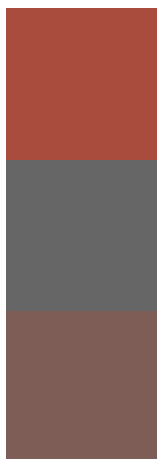
Deuteranomaly

13.6376, 0.4476, 0.3849

Tritanomaly

14.0592, 0.4798, 0.3323

Monochromacy



Original Color

13.9517, 0.4957, 0.3490

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.9524, 0.3751, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9517, 0.4957, 0.3490 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(169, 76, 62)` looks like.

```
.text, #text, p{  
    color:rgb(169, 76, 62)  
}
```

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(169, 76, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 76, 62) }
```

Border

The CSS property to change the border of an element to Yxy 13.9517, 0.4957, 0.3490 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(169, 76, 62) }
```

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

```
.border{ border-color:rgb(169, 76, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 76, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 76, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 76, 62);  
box-shadow:4px 4px 4px 4px rgb(169, 76,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9517, 0.4957, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 76, 62) }
```

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

```
.background{ background-color: rgb(169, 76,  
62) }
```

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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