

Converting Colors

$Y_{xy}(24.4119, 0.3664, 0.3515)$

Have a look what the booklet for
Yxy(24.4119, 0.3664, 0.3515)
contains.

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Color

Yxy(24.4119, 0.3664, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	A08173
RGB	160, 129, 115
RGB Percent	63%, 51%, 45%
CMY	0.3724, 0.4941, 0.5490
CMYK	0.00, 0.19, 0.28, 0.37
HSL	19°, 19%, 54%
HSV	19°, 28%, 63%
XYZ	25.4467, 24.4119, 19.5920
YIQ	136.6730, 22.9700, 2.2180

Conversions

Conversions Part 2

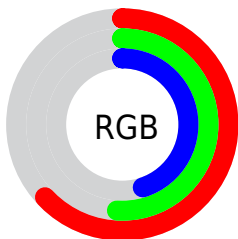
Format	Color
R_{YB}	160, 135, 115
Decimal	10518899
CIE _{Lab}	56.50, 9.77, 12.09
CIE _{LCh}	56, 15.538, 51.061
Yxy	24.4119, 0.3664, 0.3515
Android (android.graphics.Color)	4288708979 (0xFFA08173)
YUV	136.6730, -10.6848, 20.4578
Hunter-Lab	49.4084, 5.4678, 11.0755

Details

The Yxy color $24.4119, 0.3664, 0.3515$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.7561, 0.2705, 0.3053$, and the grayscale version is $24.9225, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6930, 0.3542, 0.3471$, and $9.3307, 0.3875, 0.3592$ is the 20% darker color. If you saturate the color by 10%, you get $21.3250, 0.3920, 0.3599$, and if you desaturate by 10%, it is $27.8788, 0.3444, 0.3432$.

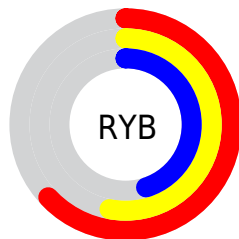
Distribution



Red (63%)

Green (51%)

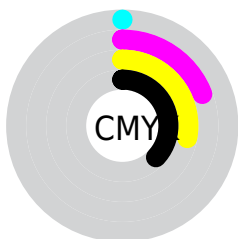
Blue (45%)



Red (63%)

Yellow (53%)

Blue (45%)

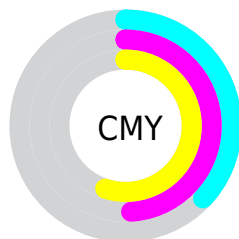


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (37%)



Cyan (37%)


Magenta (49%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4119, 0.3664, 0.3515 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 24.4119, 0.3664, 0.3515 by changing the saturation by 10% instead.


 24.4119, 0.3664,
0.3515


 24.4119, 0.3664,
0.3515


274.8963, 0.3365,
0.3396


 15.6394, 0.3751,
0.3547


 50.7015, 0.3547,
0.3470

 9.2694, 0.3871,
0.3588


 68.9875, 0.3505,
0.3454

 4.9173, 0.4047,
0.3643

 91.2134, 0.3471,
0.3440

 2.1988, 0.4327,
0.3719

117.7637, 0.3443,
0.3429

 0.7194, 0.5624,
0.4376

149.0228, 0.3419,
0.3419

 0.0000, 0.0000,
0.0000

185.3750, 0.3398,

0.3410

227.2047, 0.3380,
0.3403

■ 24.4119, 0.3664,
0.3515

■ 24.4119, 0.3664,
0.3515

■ 21.3250, 0.3920,
0.3599

■ 27.8788, 0.3444,
0.3432

■ 18.6015, 0.4215,
0.3679

■ 31.7350, 0.3258,
0.3351

■ 16.2286, 0.4545,
0.3746

■ 35.9934, 0.3100,
0.3276

■ 14.1912, 0.4899,
0.3791

■ 40.6655, 0.2966,
0.3207

■ 12.4730, 0.5257,
0.3802

■ 45.7623, 0.2853,
0.3144

■ 11.0565, 0.5587,
0.3770

■ 51.2942, 0.2756,
0.3085

■ 9.9185, 0.5866,
0.3697

■ 57.2715, 0.2674,
0.3033

■ 9.7331, 0.5917,
0.3684

■ 63.7039, 0.2603,
0.2984

■ 70.3385, 0.2561,
0.2984

Harmonies

Analogous

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



24.4119, 0.3584, 0.3291



24.4119, 0.3664, 0.3515



24.4119, 0.3592, 0.3693

Triad

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



24.4119, 0.3664, 0.3515



24.4119, 0.2873, 0.3516



24.4119, 0.2851, 0.2844

Complementary

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



24.4119, 0.3664, 0.3515



26.7561, 0.2705, 0.3053

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.



24.4119, 0.2676, 0.2882



24.4119, 0.3664, 0.3515



24.4119, 0.2689, 0.3262

Square

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



24.4119, 0.3664, 0.3515



24.4119, 0.3130, 0.3707



24.4119, 0.2618, 0.3030



24.4119, 0.3106, 0.2916

Rectangle

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



24.4119, 0.3664, 0.3515



24.4119, 0.3471, 0.3759



24.4119, 0.2618, 0.3030



24.4119, 0.2781, 0.2844

Sweetspot

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



24.4130, 0.3664, 0.3515



57.5832, 0.3258, 0.3352



21.8313, 0.3318, 0.2801



12.3988, 0.3283, 0.3363



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.4130, 0.3664, 0.3515



40.5776, 0.3827, 0.3570



30.8562, 0.3575, 0.3848



6.9656, 0.3277, 0.3360



7.6499, 0.5900, 0.3697



0.2073, 0.5201, 0.4252

Inverse Universe

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



26.7561, 0.2705, 0.3053



45.5599, 0.2610, 0.2989



20.6025, 0.2665, 0.2662



7.1615, 0.2988, 0.3219



10.7957, 0.1963, 0.2266



0.2644, 0.2090, 0.2724

Previews

White Background



This preview shows how the Yxy color 24.4119, 0.3664, 0.3515 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 24.4119, 0.3664, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

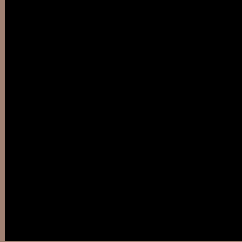
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4119, 0.3664, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 24.4119, 0.3664, 0.3515.



This preview shows how white text looks on a background with the Yxy color 24.4119, 0.3664, 0.3515.

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

24.4119, 0.3664, 0.3515

Protanopia

24.3867, 0.3390, 0.3581

Deuteranopia

24.5383, 0.3606, 0.3551



Tritanopia

24.3807, 0.3447, 0.3135

Trichromacy



Original Color

24.4119, 0.3664, 0.3515

Protanomaly

24.4490, 0.3491, 0.3557

Deuteranomaly

24.3712, 0.3623, 0.3534

Tritanomaly

24.3143, 0.3527, 0.3275

Monochromacy



Original Color

24.4119, 0.3664, 0.3515

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.6549, 0.3307, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4119, 0.3664, 0.3515 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(160, 129, 115)` looks like.

```
.text, #text, p{  
    color:rgb(160, 129, 115)  
}
```

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(160, 129, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 129, 115) }
```

Border

The CSS property to change the border of an element to Yxy 24.4119, 0.3664, 0.3515 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(160, 129, 115) }
```

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

```
.border{ border-color:rgb(160, 129, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 129, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 129, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 129, 115);  
box-shadow:4px 4px 4px 4px rgb(160, 129,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4119, 0.3664, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 129, 115) }
```

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

```
.background{ background-color: rgb(160,  
129, 115) }
```

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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