

Converting Colors

$Yxy(24.6906, 0.3691, 0.3462)$

Have a look what the booklet for
Yxy(24.6906, 0.3691, 0.3462)
contains.

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Color

Yxy(24.6152, 0.3693, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	A48075
RGB	164, 128, 117
RGB Percent	64%, 50%, 46%
CMY	0.3568, 0.4980, 0.5411
CMYK	0.00, 0.22, 0.29, 0.36
HSL	14°, 21%, 55%
HSV	14°, 29%, 64%
XYZ	26.2425, 24.6152, 20.2024
YIQ	137.5100, 24.9870, 4.2110

Conversions

Conversions Part 2

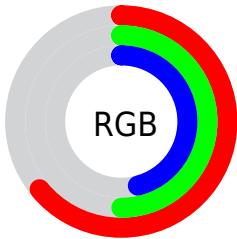
Format	Color
R_{YB}	164, 131, 117
Decimal	10780789
CIE _{Lab}	56.70, 12.22, 11.27
CIE _{LCh}	57, 16.628, 42.674
Yxy	24.6152, 0.3693, 0.3464
Android (android.graphics.Color)	4288970869 (0xFFA48075)
YUV	137.5100, -10.1114, 23.2317
Hunter-Lab	49.6137, 7.5911, 10.5871

Details

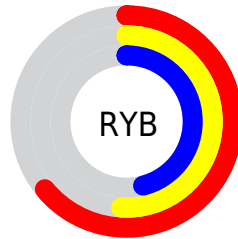
The Yxy color $24.6152, 0.3693, 0.3464$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $29.2563, 0.2702, 0.3108$, and the grayscale version is $25.2527, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.1280, 0.3572, 0.3433$, and $9.4011, 0.3902, 0.3518$ is the 20% darker color. If you saturate the color by 10%, you get $21.1854, 0.3967, 0.3528$, and if you desaturate by 10%, it is $28.5210, 0.3462, 0.3400$.

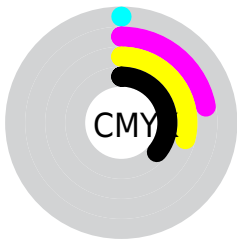
Distribution



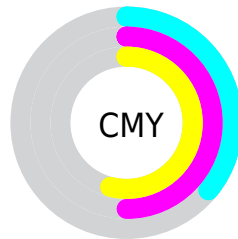
- Red (64%)
- Green (50%)
- Blue (46%)



- Red (64%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6152, 0.3693, 0.3464 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 24.6152, 0.3693, 0.3464 by changing the saturation by 10% instead.


 24.6152, 0.3693,
0.3464


 24.6152, 0.3693,
0.3464


275.9161, 0.3378,
0.3374


 15.7906, 0.3785,
0.3487


 51.0323, 0.3569,
0.3431

 9.3761, 0.3911,
0.3516


 69.3935, 0.3526,
0.3418

 4.9873, 0.4096,
0.3554

 91.7025, 0.3490,
0.3408

 2.2398, 0.4392,
0.3600

118.3435, 0.3460,
0.3399

 0.7416, 0.5712,
0.4178

149.7010, 0.3435,
0.3392

 0.0000, 0.0000,
0.0000

186.1593, 0.3413,

0.3385

228.1029, 0.3394,
0.3379

■ 24.6152, 0.3693,
0.3464

■ 24.6152, 0.3693,
0.3464

■ 21.1854, 0.3967,
0.3528

■ 28.5210, 0.3462,
0.3400

■ 18.2100, 0.4286,
0.3587

■ 32.9168, 0.3268,
0.3340

■ 15.6705, 0.4647,
0.3635

■ 37.8200, 0.3107,
0.3283

■ 13.5460, 0.5036,
0.3663

■ 43.2464, 0.2972,
0.3230

■ 11.8136, 0.5427,
0.3660

■ 49.2109, 0.2859,
0.3182

■ 10.4481, 0.5779,
0.3620

■ 55.7279, 0.2764,
0.3139

■ 9.4174, 0.6061,
0.3549

■ 62.8111, 0.2684,
0.3099

■ 9.3009, 0.6097,
0.3541

■ 70.4739, 0.2616,
0.3063

■ 78.0935, 0.2602,
0.3134

Harmonies

Analogous

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



24.6152, 0.3565, 0.3223



24.6152, 0.3693, 0.3464



24.6152, 0.3661, 0.3674

Triad

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



24.6152, 0.3693, 0.3464



24.6152, 0.2927, 0.3600



24.6152, 0.2770, 0.2815

Complementary

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



24.6152, 0.3693, 0.3464



29.2563, 0.2702, 0.3108

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.



24.6152, 0.2616, 0.2887



24.6152, 0.3693, 0.3464



24.6152, 0.2704, 0.3337

Square

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



24.6152, 0.3693, 0.3464



24.6152, 0.3211, 0.3771



24.6152, 0.2593, 0.3074



24.6152, 0.3023, 0.2860

Rectangle

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



24.6152, 0.3693, 0.3464



24.6152, 0.3554, 0.3768



24.6152, 0.2593, 0.3074



24.6152, 0.2706, 0.2826

Sweetspot

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



24.6163, 0.3693, 0.3464



59.3063, 0.3278, 0.3343



22.9216, 0.3285, 0.2746



12.7129, 0.3303, 0.3351



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.6163, 0.3693, 0.3464



40.8473, 0.3851, 0.3502



31.4666, 0.3597, 0.3815



7.3422, 0.3279, 0.3343



7.1936, 0.6081, 0.3554



0.2177, 0.5444, 0.4060

Inverse Universe

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



29.2563, 0.2702, 0.3108



50.5760, 0.2619, 0.3065



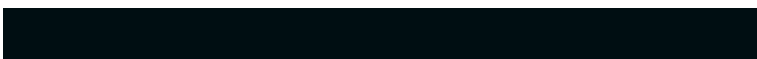
22.3092, 0.2661, 0.2703



7.7293, 0.2987, 0.3236



13.5084, 0.2037, 0.2533



0.3487, 0.2122, 0.2838

Previews

White Background



This preview shows how the Yxy color 24.6152, 0.3693, 0.3464 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 24.6152, 0.3693, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

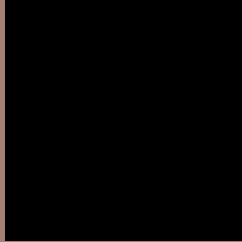
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6152, 0.3693, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 24.6152, 0.3693, 0.3464.



This preview shows how white text looks on a background with the Yxy color 24.6152, 0.3693, 0.3464.

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

24.6152, 0.3693, 0.3464

Protanopia

24.7396, 0.3355, 0.3545

Deuteranopia

24.5615, 0.3595, 0.3535



Tritanopia

24.5235, 0.3510, 0.3137

Trichromacy



Original Color

24.6152, 0.3693, 0.3464

Protanomaly

24.6152, 0.3469, 0.3506

Deuteranomaly

24.5971, 0.3635, 0.3516

Tritanomaly

24.4796, 0.3579, 0.3260

Monochromacy



Original Color

24.6152, 0.3693, 0.3464

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8649, 0.3319, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6152, 0.3693, 0.3464 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(164, 128, 117)` looks like.

```
.text, #text, p{  
  color:rgb(164, 128, 117)  
}
```

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(164, 128, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 128, 117) }
```

Border

The CSS property to change the border of an element to Yxy 24.6152, 0.3693, 0.3464 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(164, 128, 117) }
```

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

```
.border{ border-color:rgb(164, 128, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 128, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 128, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 128, 117);  
box-shadow:4px 4px 4px 4px rgb(164, 128,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6152, 0.3693, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 128, 117) }
```

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

```
.background{ background-color: rgb(164,  
128, 117) }
```

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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