

Converting Colors

$Y_{xy}(25.6469, 0.3924, 0.3681)$

Have a look what the booklet for
Yxy(25.6469, 0.3924, 0.3681)
contains.

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Color

Yxy(25.6227, 0.3924, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	AB8268
RGB	171, 130, 104
RGB Percent	67%, 51%, 41%
CMY	0.3296, 0.4901, 0.5922
CMYK	0.00, 0.24, 0.39, 0.33
HSL	23°, 28%, 54%
HSV	23°, 39%, 67%
XYZ	27.2697, 25.6227, 16.6023
YIQ	139.2950, 32.7820, 0.6060

Conversions

Conversions Part 2

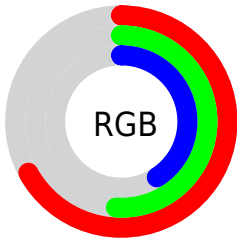
Format	Color
R_{YB}	171, 146, 104
Decimal	11240040
CIE _{Lab}	57.68, 12.20, 20.18
CIE _{LCh}	58, 23.583, 58.845
Yxy	25.6227, 0.3924, 0.3687
Android (android.graphics.Color)	4289430120 (0xFFAB8268)
YUV	139.2950, -17.4004, 27.8053
Hunter-Lab	50.6189, 7.5797, 15.9869

Details

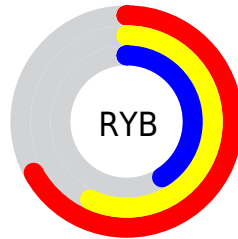
The Yxy color $25.6227, 0.3924, 0.3687$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $26.1121, 0.2529, 0.2850$, and the grayscale version is $25.9969, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7275, 0.3760, 0.3615$, and $9.9622, 0.4206, 0.3803$ is the 20% darker color. If you saturate the color by 10%, you get $22.6697, 0.4203, 0.3786$, and if you desaturate by 10%, it is $28.9310, 0.3676, 0.3582$.

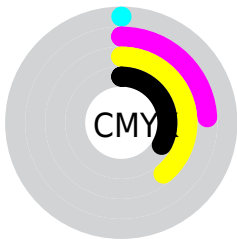
Distribution



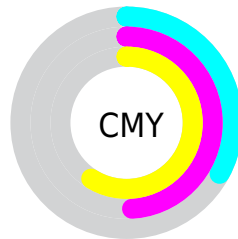
- Red (67%)
- Green (51%)
- Blue (41%)



- Red (67%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (33%)




- Cyan (33%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6227, 0.3924, 0.3687 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 25.6227, 0.3924, 0.3687 by changing the saturation by 10% instead.


 25.6227, 0.3924,
0.3687

 25.6227, 0.3924,
0.3687


280.9250, 0.3484,
0.3482


 16.5416, 0.4048,
0.3738


 52.6656, 0.3753,
0.3612


 9.9082, 0.4217,
0.3803


 71.3963, 0.3693,
0.3583

 5.3381, 0.4457,
0.3884

 94.1122, 0.3643,
0.3560

 2.4470, 0.4834,
0.3992

 121.1978, 0.3601,
0.3540

 0.8499, 0.5716,
0.4284

153.0375, 0.3565,
0.3522

 0.0000, 1.0000,
0.0000

190.0156, 0.3534,

 0.0000, 0.0000,

0.3507

0.0000

232.5167, 0.3507,
0.3493

■ 25.6227, 0.3924,
0.3687

■ 25.6227, 0.3924,
0.3687

■ 22.6697, 0.4203,
0.3786

■ 28.9310, 0.3676,
0.3582

■ 20.0558, 0.4509,
0.3870

■ 32.6030, 0.3461,
0.3478

■ 17.7686, 0.4831,
0.3928


■ 36.6512, 0.3275,
0.3377


■ 15.7934, 0.5152,
0.3948


■ 41.0864, 0.3115,
0.3282


■ 14.1143, 0.5445,
0.3920


■ 45.9190, 0.2978,
0.3194


 12.7083, 0.5698,
0.3847

 51.1590, 0.2861,
0.3113

 12.6028, 0.5719,
0.3841

 56.8159, 0.2760,
0.3039

 62.8989, 0.2673,
0.2972

 69.2316, 0.2612,
0.2940

Harmonies

Analogous

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



25.6227, 0.3866, 0.3367



25.6227, 0.3924, 0.3687



25.6227, 0.3755, 0.3933

Triad

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



25.6227, 0.3924, 0.3687



25.6227, 0.2664, 0.3533



25.6227, 0.2804, 0.2654

Complementary

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



25.6227, 0.3924, 0.3687



26.1121, 0.2529, 0.2850

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.



25.6227, 0.2516, 0.2659



25.6227, 0.3924, 0.3687



25.6227, 0.2439, 0.3140

Square

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



25.6227, 0.3924, 0.3687



25.6227, 0.3020, 0.3869



25.6227, 0.2387, 0.2825



25.6227, 0.3197, 0.2796

Rectangle

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



25.6227, 0.3924, 0.3687



25.6227, 0.3544, 0.4010



25.6227, 0.2387, 0.2825



25.6227, 0.2693, 0.2639

Sweetspot

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



25.6239, 0.3924, 0.3687



63.3946, 0.3328, 0.3407



20.6060, 0.3492, 0.2678



13.9320, 0.3351, 0.3420



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.



25.6239, 0.3924, 0.3687



41.2938, 0.4164, 0.3773



35.9011, 0.3741, 0.4144



8.5068, 0.3277, 0.3379



9.6009, 0.5701, 0.3855



0.3752, 0.5144, 0.4298

Inverse Universe

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



26.1121, 0.2529, 0.2850



42.2681, 0.2404, 0.2733



17.4266, 0.2441, 0.2259



8.5414, 0.2986, 0.3200



9.8667, 0.1885, 0.1986



0.3766, 0.2007, 0.2426

Previews

White Background



This preview shows how the Yxy color 25.6227, 0.3924, 0.3687 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 25.6227, 0.3924, 0.3687 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 25.6227, 0.3924, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 25.6227, 0.3924, 0.3687.



This preview shows how white text looks on a background with the Yxy color 25.6227, 0.3924, 0.3687.

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

25.6227, 0.3924, 0.3687

Protanopia

25.8438, 0.3557, 0.3806

Deuteranopia

25.6468, 0.3834, 0.3761



Tritanopia

25.6696, 0.3603, 0.3158

Trichromacy



Original Color

25.6227, 0.3924, 0.3687

Protanomaly

25.7378, 0.3676, 0.3760

Deuteranomaly

25.6973, 0.3876, 0.3739

Tritanomaly

25.5182, 0.3722, 0.3337

Monochromacy



Original Color

25.6227, 0.3924, 0.3687

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6940, 0.3405, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6227, 0.3924, 0.3687 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(171, 130, 104)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 104)  
}
```

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(171, 130, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 104) }
```

Border

The CSS property to change the border of an element to Yxy 25.6227, 0.3924, 0.3687 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(171, 130, 104) }
```

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

```
.border{ border-color:rgb(171, 130, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 130, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 130, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 130, 104);  
box-shadow:4px 4px 4px 4px rgb(171, 130,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6227, 0.3924, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 130, 104) }
```

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

```
.background{ background-color: rgb(171,  
130, 104) }
```

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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