

Converting Colors

$Y_{xy}(25.9610, 0.4384, 0.4694)$

Have a look what the booklet for
Yxy(25.9610, 0.4384, 0.4694)
contains.

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Color

Yxy(25.9626, 0.4384, 0.4694)

Conversions

Conversions Part 1

Format	Color
Hex	A28A20
RGB	162, 138, 32
RGB Percent	64%, 54%, 13%
CMY	0.3647, 0.4588, 0.8745
CMYK	0.00, 0.15, 0.80, 0.36
HSL	49°, 67%, 38%
HSV	49°, 80%, 64%
XYZ	24.2480, 25.9626, 5.0996
YIQ	133.0920, 48.3300, -27.8780

Conversions

Conversions Part 2

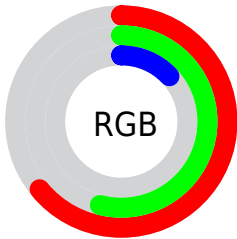
Format	Color
R_{YB}	61, 162, 32
Decimal	10652192
CIE Lab	58.00, -1.86, 55.50
CIE LCh	58, 55.528, 91.917
Yxy	25.9626, 0.4384, 0.4694
Android (android.graphics.Color)	4288842272 (0xFFA28A20)
YUV	133.0920, -49.8384, 25.3523
Hunter-Lab	50.9535, -4.2233, 29.7335

Details

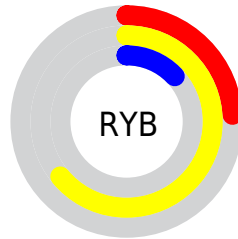
The Yxy color **25.9626, 0.4384, 0.4694** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.7421, 0.1737, 0.1169**, and the grayscale version is **23.6630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1491, 0.4173, 0.4451**, and **10.2089, 0.4490, 0.4817** is the 20% darker color. If you saturate the color by 10%, you get **25.0505, 0.4482, 0.4746**, and if you desaturate by 10%, it is **26.9441, 0.4259, 0.4597**.

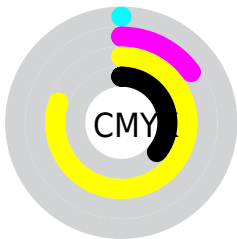
Distribution



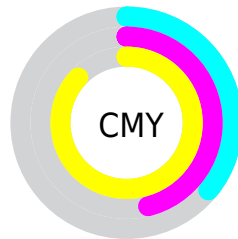
- Red (64%)
- Green (54%)
- Blue (13%)



- Red (24%)
- Yellow (64%)
- Blue (13%)



- Cyan (0%)
- Magenta (15%)
- Yellow (80%)
- Black (36%)




- Cyan (36%)
- Magenta (46%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9626, 0.4384, 0.4694 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 25.9626, 0.4384, 0.4694 by changing the saturation by 10% instead.


 25.9626, 0.4384,
0.4694


 25.9626, 0.4384,
0.4694


282.5984, 0.3759,
0.3987


 16.7957, 0.4510,
0.4842


 53.2146, 0.4172,
0.4450


 10.0889, 0.4646,
0.5007


 72.0685, 0.4086,
0.4353


 5.4579, 0.4799,
0.5201

 94.9201, 0.4012,
0.4270

 2.5184, 0.4777,
0.5223

 122.1539, 0.3948,
0.4197

 0.8858, 0.4735,
0.5265

 154.1542, 0.3892,
0.4134

 0.0000, 0.0000,
0.0000

 191.3055, 0.3842,

0.4079

233.9921, 0.3798,
0.4030

■ 25.9626, 0.4384,
0.4694

■ 25.9626, 0.4384,
0.4694

■ 25.0505, 0.4482,
0.4746

■ 26.9441, 0.4259,
0.4597

■ 24.2110, 0.4557,
0.4763

■ 27.9971, 0.4112,
0.4461

■ 29.1277, 0.3950,
0.4293

■ 30.3403, 0.3780,
0.4104

■ 31.6389, 0.3609,
0.3902

■ 33.0271, 0.3441,
0.3696

■ 34.5084, 0.3281,
0.3492

■ 36.0858, 0.3131,
0.3295

■ 37.7625, 0.2992,
0.3108

Harmonies

Analogous

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



25.9626, 0.4897, 0.4068



25.9626, 0.4384, 0.4694



25.9626, 0.3585, 0.5039

Triad

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



25.9626, 0.4384, 0.4694



25.9626, 0.1627, 0.2766



25.9626, 0.3344, 0.2292

Complementary

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



25.9626, 0.4384, 0.4694



5.7421, 0.1737, 0.1169

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.



25.9626, 0.2459, 0.1987



25.9626, 0.4384, 0.4694



25.9626, 0.1591, 0.2164

Square

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



25.9626, 0.4384, 0.4694



25.9626, 0.2004, 0.3741



25.9626, 0.1866, 0.1929



25.9626, 0.4296, 0.2793

Rectangle

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



25.9626, 0.4384, 0.4694



25.9626, 0.2999, 0.4909



25.9626, 0.1866, 0.1929



25.9626, 0.3025, 0.2165

Sweetspot

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



25.9639, 0.4384, 0.4694



58.8850, 0.3511, 0.3782



9.0189, 0.5377, 0.2997



13.0337, 0.3568, 0.3853



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.



25.9639, 0.4384, 0.4694



44.2992, 0.4538, 0.4757



30.1518, 0.3709, 0.5238



8.0140, 0.3266, 0.3472



19.1346, 0.4554, 0.4766



0.4564, 0.4403, 0.4886

Inverse Universe

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



5.7421, 0.1737, 0.1169



6.7407, 0.1569, 0.0819



4.9809, 0.1957, 0.1011



7.0616, 0.2987, 0.3101



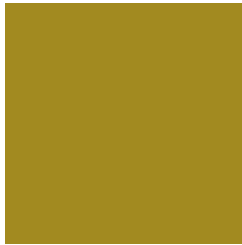
2.8306, 0.1555, 0.0796



0.1147, 0.1713, 0.1367

Previews

White Background



This preview shows how the Yxy color 25.9626, 0.4384, 0.4694 looks on a white background.

Color Contrast Check

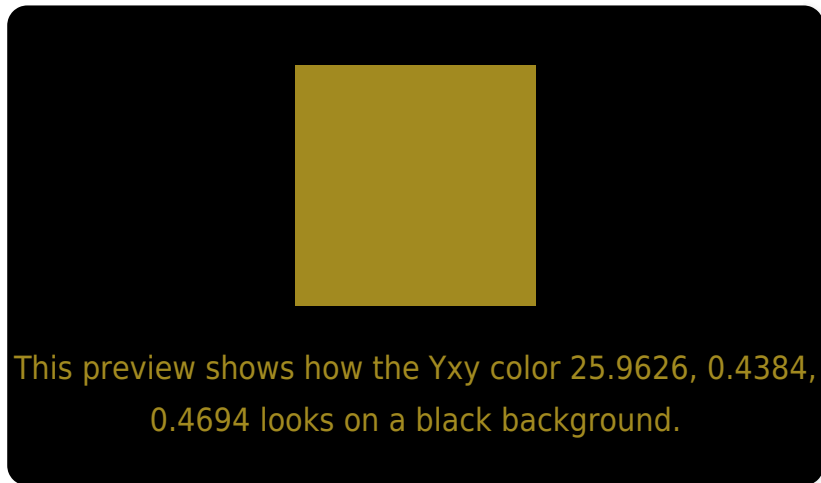
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

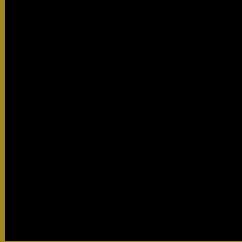
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9626, 0.4384, 0.4694

Background



This preview shows how black text looks on a background with the Yxy color 25.9626, 0.4384, 0.4694.



This preview shows how white text looks on a background with the Yxy color 25.9626, 0.4384, 0.4694.

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

25.9626, 0.4384, 0.4694

Protanopia

26.0286, 0.4302, 0.4757

Deuteranopia

25.7378, 0.4591, 0.4504



Tritanopia

25.9996, 0.3487, 0.3140

Trichromacy



Original Color

25.9626, 0.4384, 0.4694

Protanomaly

25.9405, 0.4337, 0.4729

Deuteranomaly

25.7117, 0.4515, 0.4572

Tritanomaly

25.5296, 0.3898, 0.3787

Monochromacy



Original Color

25.9626, 0.4384, 0.4694

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1018, 0.3657, 0.3956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9626, 0.4384, 0.4694 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(162, 138, 32)` looks like.

```
.text, #text, p{  
    color:rgb(162, 138, 32)  
}
```

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(162, 138, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 138, 32) }
```

Border

The CSS property to change the border of an element to Yxy 25.9626, 0.4384, 0.4694 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(162, 138, 32) }
```

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

```
.border{ border-color:rgb(162, 138, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 138, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 138, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 138, 32);  
box-shadow:4px 4px 4px 4px rgb(162, 138,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9626, 0.4384, 0.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 138, 32) }
```

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

```
.background{ background-color: rgb(162,  
138, 32) }
```

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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