

Converting Colors

YUV(76.6240, -22.9856,
45.9338)

Have a look what the booklet for
YUV(76.6240, -22.9856, 45.9338)
contains.

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Color

**YUV(76.6240, -22.9856,
45.9338)**

Conversions

Conversions Part 1

Format	Color
Hex	813B1E
RGB	129, 59, 30
RGB Percent	51%, 23%, 12%
CMY	0.4941, 0.7686, 0.8824
CMYK	0.00, 0.54, 0.77, 0.49
HSL	18°, 62%, 31%
HSV	18°, 77%, 51%
XYZ	10.8516, 7.8888, 2.1790
YIQ	76.6240, 51.0290, 5.8210

Conversions

Conversions Part 2

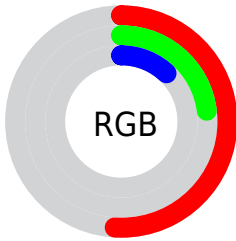
Format	Color
R_{YB}	129, 71, 30
Decimal	8469278
CIE _{Lab}	33.75, 28.12, 31.48
CIE _{LCh}	34, 42.208, 48.223
Yxy	7.8888, 0.5187, 0.3771
Android (android.graphics.Color)	4286659358 (0xFF813B1E)
YUV	76.6240, -22.9856, 45.9338
Hunter-Lab	28.0870, 19.8122, 15.0611

Details

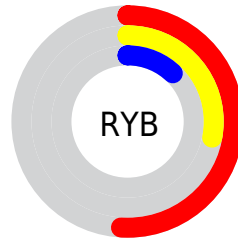
The YUV color **76.6240, -22.9856, 45.9338** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **82.3760, 22.9856, -45.9338**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6740, -25.4753, 51.1519**, and **28.5830, -14.0914, 39.8307** is the 20% darker color. If you saturate the color by 10%, you get **69.8590, -26.0595, 51.8667**, and if you desaturate by 10%, it is **83.3890, -19.9118, 40.0008**.

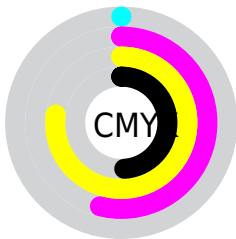
Distribution



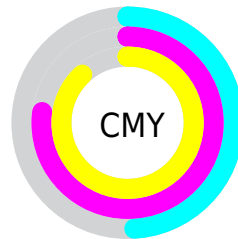
- Red (51%)
- Green (23%)
- Blue (12%)



- Red (51%)
- Yellow (28%)
- Blue (12%)



- Cyan (0%)
- Magenta (54%)
- Yellow (77%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6240, -22.9856, 45.9338 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 YUV color 76.6240, -22.9856, 45.9338 by changing the saturation by 10% instead.

76.6240, -22.9856,
45.9338

76.6240, -22.9856,
45.9338

255.0000, 0.0000,
0.0000

52.1290, -22.2486,
42.8599

127.6740,
-25.4753, 51.1519

28.5830, -14.0914,
39.8307

154.6420,
-26.9385, 53.8110

14.3520, -7.0755,
29.5093

181.7240,
-27.9649, 56.3701

0.8970, -0.4422,
1.8443

203.8150,
-26.0378, 44.8892

0.0000, 0.0000,
0.0000

223.3290,
-22.3472, 27.7755

242.9570,

-18.2198, 10.5617

252.6060, -9.1728,
2.0995

76.6240, -22.9856,
45.9338

76.6240, -22.9856,
45.9338

69.8590, -26.0595,
51.8667

83.3890, -19.9118,
40.0008

63.0940, -29.1333,
57.7996

90.1540, -16.8379,
34.0679

60.8770, -30.0124,
59.7439

96.9190, -13.7641,
28.1350

103.6840,
-10.6902, 22.2021

111.0360, -7.9057,
15.7544

■ 117.6870, -5.2687,
9.9215

■ 124.4520, -2.1948,
3.9886

■ 131.2170, 0.8790,
-1.9443

■ 137.9820, 3.9529,
-7.8772

Harmonies

Analogous

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



75.9900, -7.8831, 55.2598



76.6240, -22.9856, 45.9338



75.3000, -35.1509, 27.8009

Triad

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



76.6240, -22.9856, 45.9338



62.5880, 1.1891, -54.8897



76.4620, 32.8032, -21.4532

Complementary

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



76.6240, -22.9856, 45.9338



82.3760, 22.9856, -45.9338

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.



67.5990, 38.1587, -59.2843



76.6240, -22.9856, 45.9338



67.0510, 15.7509, -58.8037

Square

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



76.6240, -22.9856, 45.9338



67.5300, -17.5163, -28.5288



69.2970, 29.4336, -60.7735



81.6370, 20.8850, 21.3664

Rectangle

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



76.6240, -22.9856, 45.9338



73.5600, -36.2651, 11.7869



69.2970, 29.4336, -60.7735



65.6970, 39.5894, -51.4773

Sweetspot

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



76.6240, -22.9856, 45.9338



147.8190, -8.7848, 17.6987



67.6950, 16.4194, 53.7645



71.3990, -5.1267, 11.0511



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



76.6240, -22.9856, 45.9338



86.3470, -36.1601, 71.6097



105.3870, -37.1658, 20.7086



60.2670, -1.6106, 3.2738



59.9910, -29.5756, 59.6439



0.0000, 0.0000, 0.0000

Inverse Universe

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



82.3760, 22.9856, -45.9338



95.2400, 35.8707, -72.1245



53.6130, 37.1658, -20.7086



60.7330, 1.6106, -3.2738



67.4220, 29.8650, -59.1291



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 76.6240, -22.9856, 45.9338 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 ✓ Pass

Black Background



This preview shows how the YUV color 76.6240, -22.9856, 45.9338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

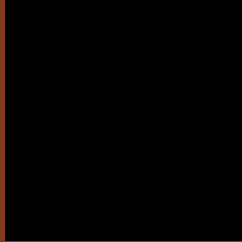
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6240, -22.9856, 45.9338

Background



This preview shows how black text looks on a background with the YUV color 76.6240, -22.9856, 45.9338.



This preview shows how white text looks on a background with the YUV color 76.6240, -22.9856,

45.9338.

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

76.6240, -22.9856, 45.9338

Protanopia

77.6750, -20.5458, 9.9320

Deuteranopia

77.3620, -25.8145, 19.8535



Tritanopia

78.4680, -9.5977, 45.1936

Trichromacy



Original Color

76.6240, -22.9856, 45.9338

Protanomaly

77.2360, -21.3153, 23.4720

Deuteranomaly

77.3570, -24.8260, 29.5049

Tritanomaly

77.8010, -14.6919, 45.7785

Monochromacy



Original Color

76.6240, -22.9856, 45.9338

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6340, -8.2006, 16.9840

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6240, -22.9856, 45.9338 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(129, 59, 30)` looks like.

```
.text, #text, p{  
    color:rgb(129, 59, 30)  
}
```

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(129, 59, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 59, 30) }
```

Border

The CSS property to change the border of an element to YUV 76.6240, -22.9856, 45.9338 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(129, 59, 30) }
```


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

```
.border{ border-color:rgb(129, 59, 30) }
```

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

Here you see how a box with a 4 pixel rgb(129, 59, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 59, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 59, 30);  
box-shadow:4px 4px 4px 4px rgb(129, 59,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 76.6240, -22.9856, 45.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 59, 30) }
```

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

```
.background{ background-color: rgb(129, 59,  
30) }
```

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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