

Converting Colors

YUV(64.9820, -12.8091, 1.7698)

Have a look what the booklet for
YUV(64.9820, -12.8091, 1.7698)
contains.

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Color

**YUV(64.9820, -12.8091,
1.7698)**

Conversions

Conversions Part 1

Format	Color
Hex	434527
RGB	67, 69, 39
RGB Percent	26%, 27%, 15%
CMY	0.7373, 0.7294, 0.8471
CMYK	0.03, 0.00, 0.43, 0.73
HSL	64°, 28%, 21%
HSV	64°, 43%, 27%
XYZ	4.8091, 5.5960, 2.7461
YIQ	64.9820, 8.4380, -9.7540

Conversions

Conversions Part 2

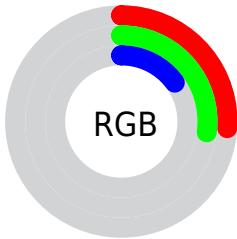
Format	Color
R_YB	39, 69, 41
Decimal	4408615
CIE Lab	28.37, -6.32, 17.85
CIE LCh	28, 18.932, 109.490
Yxy	5.5960, 0.3657, 0.4255
Android (android.graphics.Color)	4282598695 (0xFF434527)
YUV	64.9820, -12.8091, 1.7698
Hunter-Lab	23.6559, -5.1101, 9.6764

Details

The YUV color **64.9820, -12.8091, 1.7698** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **43.0180, 12.8091, -1.7698**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0530, -13.8301, 2.5845**, and **22.4380, -11.0619, 1.3699** is the 20% darker color. If you saturate the color by 10%, you get **64.1840, -15.8667, 2.4696**, and if you desaturate by 10%, it is **65.7800, -9.7515, 1.0699**.

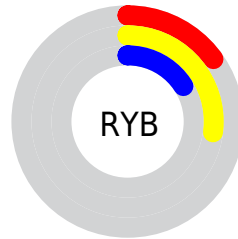
Distribution



Red (26%)

Green (27%)

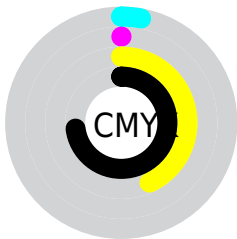
Blue (15%)



Red (15%)

Yellow (27%)

Blue (16%)

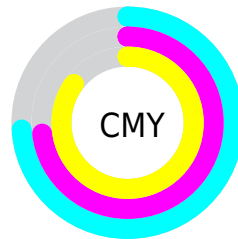


Cyan (3%)

Magenta (0%)

Yellow (43%)

Black (73%)



Cyan (74%)

Magenta (73%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9820, -12.8091, 1.7698 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 64.9820, -12.8091, 1.7698 by changing the saturation by 10% instead.

■ 64.9820, -12.8091,
1.7698

■ 64.9820, -12.8091,
1.7698

■ 255.0000, 0.0000,
0.0000

■ 42.7970, -12.2249,
1.0550

■ 113.0530,
-13.8301, 2.5845

■ 22.4380, -11.0619,
1.3699

■ 138.5260,
-14.5563, 2.1697

■ 0.0000, 0.0000,
0.0000

■ 164.7110,
-15.1405, 2.8845

■ 191.7110,
-15.1405, 2.8845

■ 219.5970,
-15.5773, 2.9844

■ 248.4830,

-16.0141, 3.0844

253.7460, -4.8048,
1.0998

64.9820, -12.8091,
1.7698

64.9820, -12.8091,
1.7698

64.1840, -15.8667,
2.4696

65.7800, -9.7515,
1.0699

63.0870, -18.7769,
2.5547

66.8770, -6.8414,
0.9849

62.2890, -21.8345,
3.2545

67.6750, -3.7838,
0.2850

61.1920, -24.7447,
3.3396

68.7720, -0.8736,
0.2000

60.3940, -27.8022,
4.0395

69.5700, 2.1840,
-0.4999

■ 59.6390, -29.4020,
3.8246

■ 70.5530, 4.6574,
-0.4850

■ 71.3510, 7.7150,
-1.1848

■ 72.4480, 10.6251,
-1.2699

■ 73.2460, 13.6827,
-1.9697

Harmonies

Analogous

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



66.1190, -13.8627, 13.0506



64.9820, -12.8091, 1.7698



63.2730, -7.5296, -11.6404

Triad

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



64.9820, -12.8091, 1.7698



57.1830, 15.6858, -37.8715



68.7020, 2.1189, 20.4323

Complementary

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



64.9820, -12.8091, 1.7698



43.0180, 12.8091, -1.7698

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.



68.9440, 8.4086, 9.6961



64.9820, -12.8091, 1.7698



62.9830, 15.7844, -22.7871

Square

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



64.9820, -12.8091, 1.7698



56.5760, 9.5760, -38.2162



67.1100, 13.2568, -5.3585



68.1880, -5.0227, 24.3911

Rectangle

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



64.9820, -12.8091, 1.7698



61.1840, -2.5557, -20.3324



67.1100, 13.2568, -5.3585



68.8480, 4.0189, 17.6733

Sweetspot

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



64.9820, -12.8091, 1.7698



87.4470, -4.6574, 0.4850



49.1440, -5.0010, 17.4137



44.9030, -2.9102, 0.0851



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



64.9820, -12.8091, 1.7698



82.8590, -19.6505, 2.7547



60.4970, -10.5980, -7.4519



35.2450, -1.5998, -0.2149



85.9200, -42.3586, 6.2092



196.6370, -96.9420, 13.4734

Inverse Universe

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



43.0180, 12.8091, -1.7698



49.1410, 19.6505, -2.7547



47.5030, 10.5980, 7.4519



32.4560, 1.7472, -0.3999



13.3790, 42.2112, -5.5944



30.3630, 96.9420, -13.4734

Previews

White Background



This preview shows how the YUV color 64.9820, -12.8091, 1.7698 looks on a white background.

Color Contrast Check

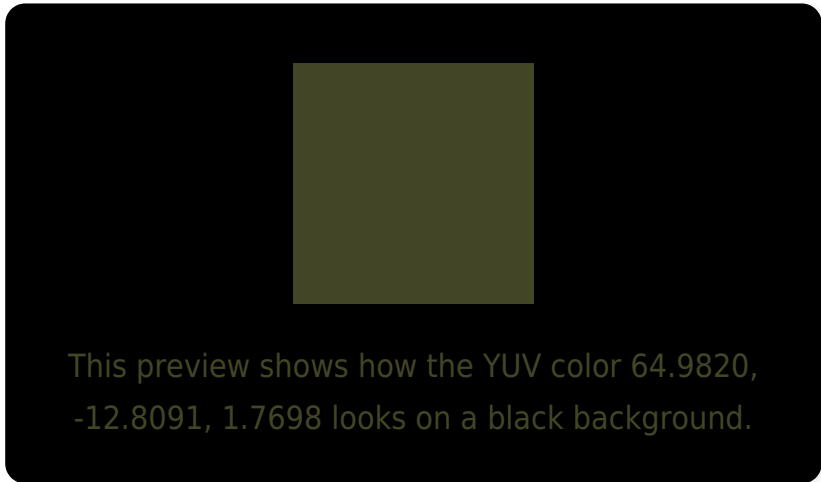
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

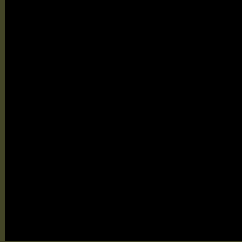
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.9820, -12.8091, 1.7698

Background



This preview shows how black text looks on a background with the YUV color 64.9820, -12.8091, 1.7698.



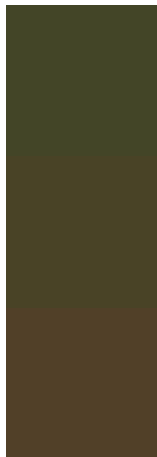
This preview shows how white text looks on a background with the YUV color 64.9820, -12.8091,

1.7698.

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

64.9820, -12.8091, 1.7698

Protanopia

65.4880, -13.5516, 6.5880

Deuteranopia

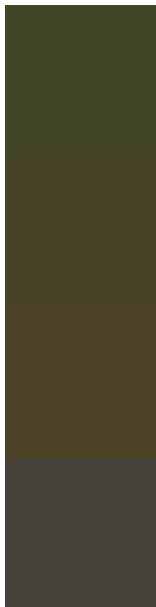
66.3470, -12.9891, 12.8507



Tritanopia

67.3640, 1.2995, 3.1888

Trichromacy



Original Color

64.9820, -12.8091, 1.7698

Protanomaly

65.4770, -13.5462, 4.8437

Deuteranomaly

66.0260, -12.8308, 8.7472

Tritanomaly

66.3980, -3.6472, 3.1590

Monochromacy



Original Color

64.9820, -12.8091, 1.7698

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9820, -12.8091, 1.7698 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(67, 69, 39)` looks like.

```
.text, #text, p{  
    color:rgb(67, 69, 39)  
}
```

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(67, 69, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 69, 39) }
```

Border

The CSS property to change the border of an element to YUV 64.9820, -12.8091, 1.7698 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(67, 69, 39) }
```


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

```
.border{ border-color:rgb(67, 69, 39) }
```

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

Here you see how a box with a 4 pixel rgb(67, 69, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 69, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 69, 39);  
box-shadow:4px 4px 4px 4px rgb(67, 69, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.9820, -12.8091, 1.7698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 69, 39) }
```

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

```
.background{ background-color: rgb(67, 69,  
39) }
```

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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