

Converting Colors

YUV(46.5490, -22.9487,
-12.7595)

Have a look what the booklet for
YUV(46.5490, -22.9487, -12.7595)
contains.

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Color

**YUV(46.5490, -22.9487,
-12.7595)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 203F00 |
| RGB | 32, 63, 0 |
| RGB Percent | 13%, 25%, 0% |
| CMY | 0.8745, 0.7529, 1.0000 |
| CMYK | 0.49, 0.00, 1.00, 0.75 |
| HSL | 90°, 100%, 12% |
| HSV | 90°, 100%, 25% |
| XYZ | 2.3732, 3.8621, 0.6204 |
| YIQ | 46.5490, 1.7470, -26.1650 |

Conversions

Conversions Part 2

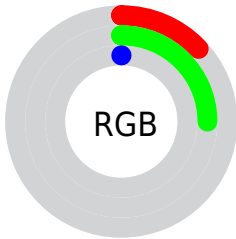
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 63, 31 |
| Decimal | 2113280 |
| CIELab | 23.21, -22.87, 31.14 |
| CIELCh | 23, 38.639, 126.291 |
| Yxy | 3.8621, 0.3462, 0.5633 |
| Android (android.graphics.Color) | 4280303360 (0xFF203F00) |
| YUV | 46.5490, -22.9487, -12.7595 |
| Hunter-Lab | 19.6522, -12.8360, 11.8849 |

Details

The YUV color **46.5490, -22.9487, -12.7595** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16.4510, 22.9487, 12.7595**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.5490, -22.9487, -12.7595**, and **11.1530, -5.4984, -9.7812** is the 20% darker color. If you saturate the color by 10%, you get **46.5490, -22.9487, -12.7595**, and if you desaturate by 10%, it is **48.1300, -20.7701, -11.5150**.

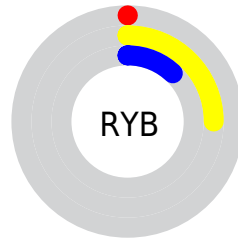
Distribution



Red (13%)

Green (25%)

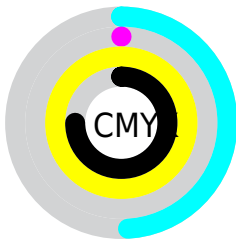
Blue (0%)



Red (0%)

Yellow (25%)

Blue (12%)

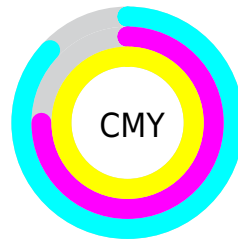


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (87%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5490, -22.9487, -12.7595 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 46.5490, -22.9487, -12.7595 by changing the saturation by 10% instead.

■ 46.5490, -22.9487,
-12.7595

■ 46.5490, -22.9487,
-12.7595

■ 252.1500,
-10.9200, 2.4994

■ 26.4590, -13.0443,
-16.1885

■ 94.5490, -22.9487,
-12.7595

■ 11.1530, -5.4984,
-9.7812

■ 120.0220,
-23.6748, -13.1743

■ 0.0000, 0.0000,
0.0000


■ 145.7940,
-24.5484, -12.9743

■ 172.5660,
-25.4220, -12.7744


■ 200.1530,
-25.7114, -13.2892


■ 228.0390,


-26.1482, -13.1892


 245.0710,
-21.2340, -2.6933


 46.5490, -22.9487,
-12.7595

 48.1300, -20.7701,
-11.5150

 49.8250, -18.1547,
-10.3705

 51.4060, -15.9762,
-9.1261

 52.9870, -13.7976,
-7.8816

 54.9810, -11.3296,
-6.1223

■ 56.5620, -9.1511,
-4.8779

■ 58.1430, -6.9725,
-3.6334

■ 59.7240, -4.7939,
-2.3889

■ 61.4190, -2.1786,
-1.2445

Harmonies

Analogous

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



51.7090, -25.4925, 9.9022



46.5490, -22.9487, -12.7595



42.8630, -5.8485, -37.5909

Triad

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



46.5490, -22.9487, -12.7595



49.8800, 28.6532, -43.7448



50.4220, 0.2850, 48.7419

Complementary

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



46.5490, -22.9487, -12.7595



16.4510, 22.9487, 12.7595

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.



54.7220, 11.9691, 34.4468



46.5490, -22.9487, -12.7595



46.3410, 32.8629, -40.6411

Square

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



46.5490, -22.9487, -12.7595



50.0620, 19.1964, -43.9044



56.8800, 22.2442, 5.3672



51.3170, -13.9603, 44.4490

Rectangle

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



46.5490, -22.9487, -12.7595



45.7300, 2.5981, -40.1052



56.8800, 22.2442, 5.3672



51.4370, 4.2216, 46.0978

Sweetspot

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



46.5490, -22.9487, -12.7595



75.5620, -9.1511, -4.8779



36.4470, -17.9684, 23.2870



37.1970, -5.5201, -2.8038



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



46.5490, -22.9487, -12.7595



60.3930, -29.7737, -17.0077



37.2800, -18.3790, -31.8176



30.0600, -1.0156, -0.9296



69.5300, -34.2783, -18.8818



164.1010, -80.9018, -44.8156

Inverse Universe

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



16.4510, 22.9487, 12.7595



21.3080, 29.9212, 16.3929



25.7200, 18.3790, 31.8176



28.6410, 1.1630, 0.3148



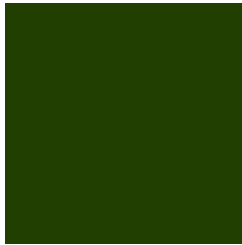
24.4700, 34.2783, 18.8818



57.8990, 80.9018, 44.8156

Previews

White Background



This preview shows how the YUV color 46.5490, -22.9487, -12.7595 looks on a white background.

Color Contrast Check

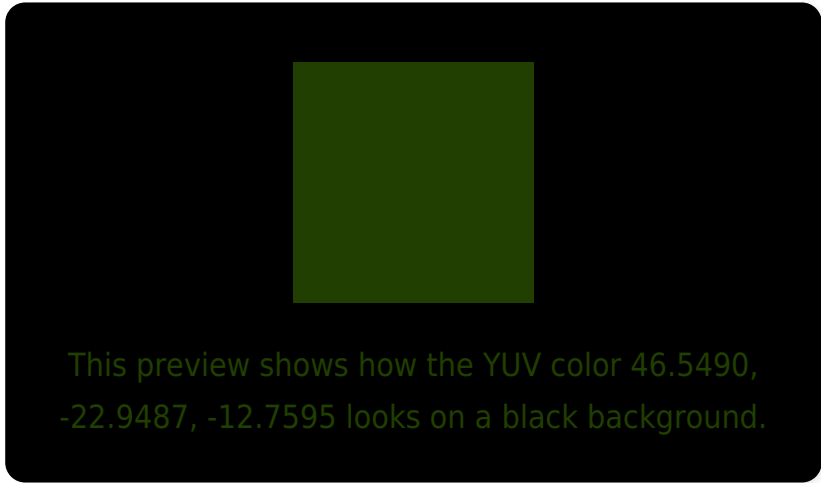
Large Text (above 18pt) WCAG AA ✓ Pass

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

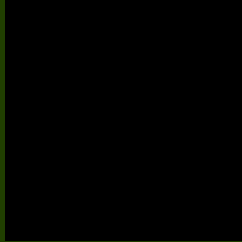
Any Text WCAG AA × Fail

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 46.5490, -22.9487, -12.7595 Background



This preview shows how black text looks on a background with the YUV color 46.5490, -22.9487, -12.7595.



This preview shows how white text looks on a background with the YUV color 46.5490, -22.9487, -12.7595.

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



Protanopia

51.7090, -25.4925, 9.9022

Deuteranopia

53.5230, -19.9778, 14.4503

Tritanopia

53.7750, 4.5479, -12.0807

Trichromacy



Protanomaly

50.1810, -24.7392, 1.5953

Deuteranomaly

51.1150, -21.2557, 4.2841

Tritanomaly

50.8430, -5.3456, -12.1403

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0890, -8.4249, -4.4631

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5490, -22.9487, -12.7595 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(32, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(32, 63, 0)  
}
```

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(32, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 63, 0) }
```

Border

The CSS property to change the border of an element to YUV 46.5490, -22.9487, -12.7595 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(32, 63, 0) }
```

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

```
.border{ border-color:rgb(32, 63, 0) }
```

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

Here you see how a box with a 4 pixel rgb(32, 63, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 63, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(32, 63, 0); box-shadow:4px  
4px 4px 4px rgb(32, 63, 0) }
```


Background

The CSS property to change the background color of an element to YUV 46.5490, -22.9487, -12.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 63, 0) }
```

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

```
.background{ background-color: rgb(32, 63,  
0) }
```

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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