

Converting Colors

YUV(52.8210, -22.0968, -5.9820)

Have a look what the booklet for
YUV(52.8210, -22.0968, -5.9820)
contains.

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Color

**YUV(52.8210, -22.0968,
-5.9820)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2E4108 |
| RGB | 46, 65, 8 |
| RGB Percent | 18%, 25%, 3% |
| CMY | 0.8196, 0.7451, 0.9686 |
| CMYK | 0.29, 0.00, 0.88, 0.75 |
| HSL | 80°, 78%, 14% |
| HSV | 80°, 88%, 25% |
| XYZ | 3.0608, 4.3790, 0.9136 |
| YIQ | 52.8210, 6.9730, -21.7550 |

Conversions

Conversions Part 2

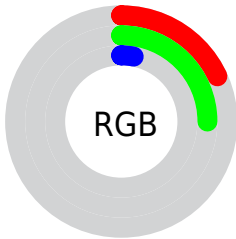
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 8, 65, 27 |
| Decimal | 3031304 |
| CIELab | 24.89, -17.16, 29.84 |
| CIElCh | 25, 34.422, 119.902 |
| Yxy | 4.3790, 0.3664, 0.5242 |
| Android (android.graphics.Color) | 4281221384 (0xFF2E4108) |
| YUV | 52.8210, -22.0968, -5.9820 |
| Hunter-Lab | 20.9260, -10.5113, 12.0596 |

Details

The YUV color **52.8210, -22.0968, -5.9820** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.1790, 22.0968, 5.9820**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7070, -22.5336, -5.8820**, and **14.0880, -6.9454, -12.3552** is the 20% darker color. If you saturate the color by 10%, you get **51.5390, -24.4227, -6.6117**, and if you desaturate by 10%, it is **54.1030, -19.7708, -5.3523**.

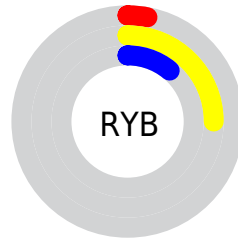
Distribution



Red (18%)

Green (25%)

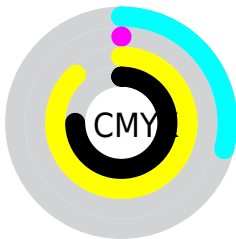
Blue (3%)



Red (3%)

Yellow (25%)

Blue (11%)

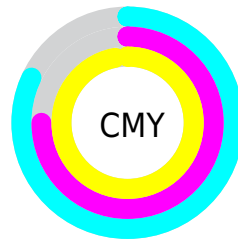


Cyan (29%)

Magenta (0%)

Yellow (88%)

Black (75%)



Cyan (82%)


Magenta (75%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.8210, -22.0968, -5.9820 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 52.8210, -22.0968, -5.9820 by changing the saturation by 10% instead.


 52.8210, -22.0968,
-5.9820


 52.8210, -22.0968,
-5.9820


 253.0620, -7.4256,
1.6996


 32.4170, -15.9816,
-7.3817


 100.7070,
-22.5336, -5.8820


 14.0880, -6.9454,
-12.3552

 125.7780,
-23.5546, -5.0673

 0.0000, 0.0000,
0.0000

 152.2510,
-24.2807, -5.4821


 179.1370,
-24.7175, -5.3821


 206.9090,
-25.5911, -5.1822


 234.7950,


-26.0279, -5.0822


 249.8700,
-19.6559, 4.4990


 52.8210, -22.0968,
-5.9820


 52.8210, -22.0968,
-5.9820


 51.5390, -24.4227,
-6.6117


 54.1030, -19.7708,
-5.3523

 51.0120, -25.1489,
-7.0265

 55.4990, -17.0080,
-4.8226

 57.0800, -14.8294,
-3.5782

 58.4760, -12.0667,
-3.0485

 59.8720, -9.3039,
-2.5187

■ 61.1540, -6.9779,
-1.8891

■ 62.4360, -4.6519,
-1.2594

■ 63.8320, -1.8892,
-0.7297

■ 65.4130, 0.2894,
0.5148

Harmonies

Analogous

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



55.5740, -27.3980, 14.4056



52.8210, -22.0968, -5.9820



44.1510, -5.9904, -38.7204

Triad

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



52.8210, -22.0968, -5.9820



51.7720, 25.7484, -45.4040



57.3070, 1.3276, 40.9498

Complementary

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



52.8210, -22.0968, -5.9820



20.1790, 22.0968, 5.9820

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.



60.1940, 12.7224, 26.1399



52.8210, -22.0968, -5.9820



49.0480, 30.5423, -43.0151

Square

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



52.8210, -22.0968, -5.9820



51.2530, 16.1443, -44.9489



59.7220, 21.8291, -1.5102



56.8050, -10.7499, 41.3900

Rectangle

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



52.8210, -22.0968, -5.9820



47.2630, 0.8563, -41.4497



59.7220, 21.8291, -1.5102



58.0230, 5.4117, 37.6908

Sweetspot

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



52.8210, -22.0968, -5.9820



79.3990, -8.5777, -2.1039



36.1960, -13.9006, 25.2611



40.3220, -5.0887, -1.1594



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



52.8210, -22.0968, -5.9820



66.0520, -32.5636, -8.8156



44.1500, -17.8219, -23.8105



32.3590, -1.1630, -0.3148



76.3740, -37.6524, -9.9750



176.3380, -86.9346, -23.0984

Inverse Universe

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



20.1790, 22.0968, 5.9820



17.9480, 32.5636, 8.8156



28.8500, 17.8220, 23.8106



30.6410, 1.1630, 0.3148



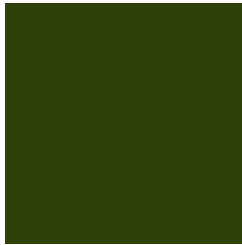
20.6260, 37.6524, 9.9750



47.9610, 86.7872, 23.7132

Previews

White Background



This preview shows how the YUV color 52.8210, -22.0968, -5.9820 looks on a white background.

Color Contrast Check

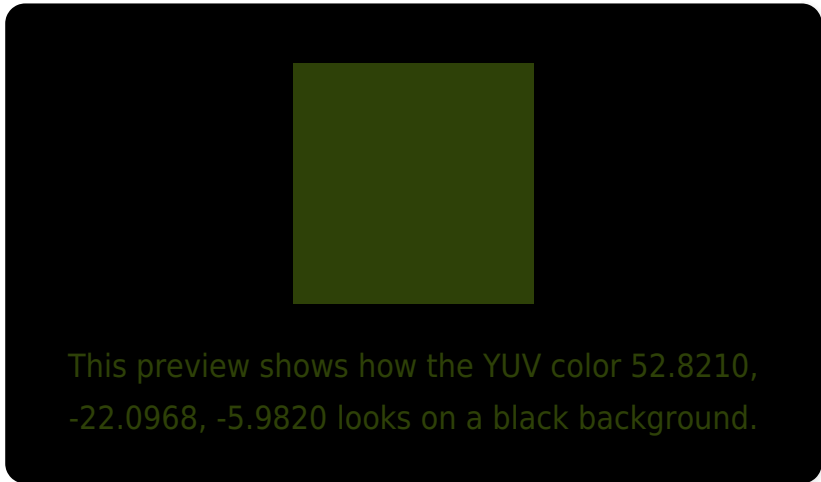
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8210, -22.0968, -5.9820

Background



This preview shows how black text looks on a background with the YUV color 52.8210, -22.0968, -5.9820.



This preview shows how white text looks on a background with the YUV color 52.8210, -22.0968,

-5.9820.

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

52.8210, -22.0968, -5.9820

Protanopia

55.3500, -24.3295, 10.2171

Deuteranopia

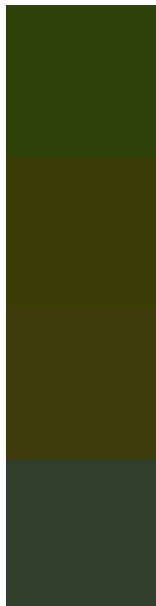
56.5940, -20.9988, 15.2651



Tritanopia

58.1780, 3.3632, -5.4181

Trichromacy



Original Color

52.8210, -22.0968, -5.9820

Protanomaly

54.2460, -23.2923, 4.1693

Deuteranomaly

55.1370, -21.2665, 7.7729

Tritanomaly

56.3600, -6.0935, -5.5777

Monochromacy



Original Color

52.8210, -22.0968, -5.9820

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.6270, -7.7041, -2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8210, -22.0968, -5.9820 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(46, 65, 8)` looks like.

```
.text, #text, p{  
    color:rgb(46, 65, 8)  
}
```

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(46, 65, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 65, 8) }
```

Border

The CSS property to change the border of an element to YUV 52.8210, -22.0968, -5.9820 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(46, 65, 8) }
```


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

```
.border{ border-color:rgb(46, 65, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 65, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 65, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 65, 8); box-shadow:4px  
4px 4px 4px rgb(46, 65, 8) }
```

Background

The CSS property to change the background color of an element to YUV 52.8210, -22.0968, -5.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 65, 8) }
```

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

```
.background{ background-color: rgb(46, 65,  
8) }
```

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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