

Converting Colors

YUV(62.4230, -21.9005,
-22.2960)

Have a look what the booklet for
YUV(62.4230, -21.9005, -22.2960)
contains.

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Color

**YUV(62.4230, -21.9005,
-22.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	255412
RGB	37, 84, 18
RGB Percent	15%, 33%, 7%
CMY	0.8549, 0.6706, 0.9294
CMYK	0.56, 0.00, 0.79, 0.67
HSL	103°, 65%, 20%
HSV	103°, 79%, 33%
XYZ	4.0425, 6.7776, 1.6674
YIQ	62.4230, -6.8260, -30.4900

Conversions

Conversions Part 2

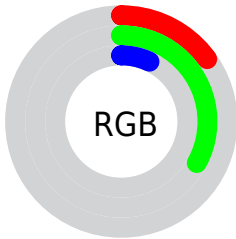
Format	Color
R_YB	18, 84, 65
Decimal	2446354
CIE _{Lab}	31.30, -29.33, 31.88
CIE _{LCh}	31, 43.316, 132.615
Yxy	6.7776, 0.3237, 0.5428
Android (android.graphics.Color)	4280636434 (0xFF255412)
YUV	62.4230, -21.9005, -22.2960
Hunter-Lab	26.0339, -17.8424, 14.4263

Details

The YUV color **62.4230, -21.9005, -22.2960** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **39.5770, 21.9005, 22.2960**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0810, -23.2109, -21.9960**, and **22.8930, -11.2862, -20.0772** is the 20% darker color. If you saturate the color by 10%, you get **59.7170, -24.5105, -25.1848**, and if you desaturate by 10%, it is **65.1290, -19.2906, -19.4071**.

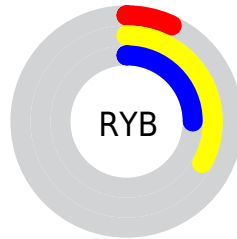
Distribution



Red (15%)

Green (33%)

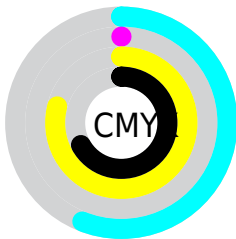
Blue (7%)



Red (7%)

Yellow (33%)

Blue (25%)

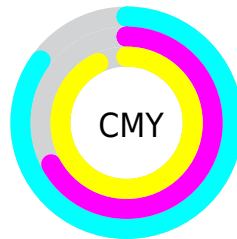


Cyan (56%)

Magenta (0%)

Yellow (79%)

Black (67%)



Cyan (85%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.4230, -21.9005, -22.2960 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 62.4230, -21.9005, -22.2960 by changing the saturation by 10% instead.

■ 62.4230, -21.9005,
-22.2960

■ 62.4230, -21.9005,
-22.2960

■ 254.6580, -1.3104,
0.2999

■ 38.2100, -18.8375,
-24.7402

■ 112.0810,
-23.2109, -21.9960

■ 22.8930, -11.2862,
-20.0772

■ 138.5540,
-23.9371, -22.4109

■ 5.2830, -2.6045,
-4.6332

■ 165.3260,
-24.8107, -22.2109


■ 0.0000, 0.0000,
0.0000


■ 192.7990,
-25.5369, -22.6257


■ 220.3860,
-25.8263, -23.1405


■ 238.5920,


-21.4909, -13.6742


 250.4550,
-13.5353, 1.3550


 62.4230, -21.9005,
-22.2960

 62.4230, -21.9005,
-22.2960


 59.7170, -24.5105,
-25.1848


 65.1290, -19.2906,
-19.4071


 56.8970, -27.5572,
-27.9737

 67.9490, -16.2439,
-16.6183

 56.4840, -27.8466,
-28.4885

 70.6550, -13.6339,
-13.7294

 73.4750, -10.5872,
-10.9406

 76.1810, -7.9772,
-8.0517

■ 78.8870, -5.3673,
-5.1629

■ 81.7070, -2.3206,
-2.3740

■ 84.4130, 0.2894,
0.5148

■ 87.2330, 3.3361,
3.3037

Harmonies

Analogous

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



67.9230, -33.4860, 7.0835



62.4230, -21.9005, -22.2960



57.5840, -2.7529, -50.5012

Triad

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



62.4230, -21.9005, -22.2960



64.4530, 36.2587, -56.5253



69.3260, -4.1047, 56.7191

Complementary

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



62.4230, -21.9005, -22.2960



39.5770, 21.9005, 22.2960

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.



72.5600, 11.0629, 45.1129



62.4230, -21.9005, -22.2960



64.1930, 37.3729, -40.5113

Square

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



62.4230, -21.9005, -22.2960



65.2220, 26.5126, -57.1997



75.9890, 23.6694, 14.9186



70.3300, -20.3757, 48.8226

Rectangle

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



62.4230, -21.9005, -22.2960



60.9070, 7.4408, -53.4154



75.9890, 23.6694, 14.9186



69.6940, 1.1369, 55.5194

Sweetspot

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



62.4230, -21.9005, -22.2960



101.2410, -8.9928, -8.9814



64.7360, -23.0408, 16.8945



50.8870, -5.3673, -5.1629



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



62.4230, -21.9005, -22.2960



76.1320, -34.0821, -35.1958



58.2240, -13.4214, -35.2764



39.6470, -1.3050, -1.4444



70.6050, -34.8083, -35.6106



156.2170, -77.0150, -78.2433

Inverse Universe

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



39.5770, 21.9005, 22.2960



40.5690, 34.2295, 34.5810



43.7760, 13.4214, 35.2764



38.3530, 1.3050, 1.4444



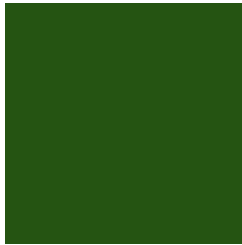
34.0960, 34.9557, 34.9958



75.7830, 77.0150, 78.2433

Previews

White Background



This preview shows how the YUV color 62.4230, -21.9005, -22.2960 looks on a white background.

Color Contrast Check

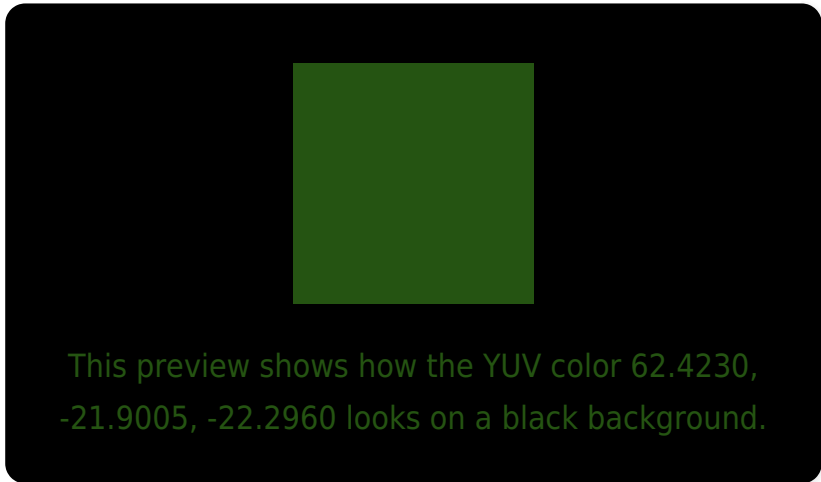
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.4230, -21.9005, -22.2960

Background



This preview shows how black text looks on a background with the YUV color 62.4230, -21.9005, -22.2960.



This preview shows how white text looks on a background with the YUV color 62.4230, -21.9005, -22.2960.

-22.2960.

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

62.4230, -21.9005, -22.2960

Protanopia

69.9650, -27.0977, 11.4317

Deuteranopia

71.4480, -22.8989, 18.0241



Tritanopia

70.1270, 7.3324, -18.5284

Trichromacy



Original Color

62.4230, -21.9005, -22.2960

Protanomaly

67.3440, -25.3126, -1.1787

Deuteranomaly

68.0610, -22.7081, 3.4545

Tritanomaly

67.3690, -3.1399, -19.6176

Monochromacy



Original Color

62.4230, -21.9005, -22.2960

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1810, -7.9772, -8.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.4230, -21.9005, -22.2960 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(37, 84, 18)` looks like.

```
.text, #text, p{  
    color:rgb(37, 84, 18)  
}
```

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(37, 84, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 84, 18) }
```

Border

The CSS property to change the border of an element to YUV 62.4230, -21.9005, -22.2960 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(37, 84, 18) }
```


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

```
.border{ border-color:rgb(37, 84, 18) }
```

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

Here you see how a box with a 4 pixel rgb(37, 84, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 84, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 84, 18);  
box-shadow:4px 4px 4px 4px rgb(37, 84, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.4230, -21.9005, -22.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 84, 18) }
```

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

```
.background{ background-color: rgb(37, 84,  
18) }
```

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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