

Converting Colors

YUV(61.1330, 62.0524,
-22.9186)

Have a look what the booklet for
YUV(61.1330, 62.0524, -22.9186)
contains.

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Color

**YUV(61.1330, 62.0524,
-22.9186)**

Conversions

Conversions Part 1

Format	Color
Hex	2332BB
RGB	35, 50, 187
RGB Percent	14%, 20%, 73%
CMY	0.8627, 0.8039, 0.2667
CMYK	0.81, 0.73, 0.00, 0.27
HSL	234°, 68%, 44%
HSV	234°, 81%, 73%
XYZ	10.8034, 6.2264, 47.6461
YIQ	61.1330, -52.9170, 39.4270

Conversions

Conversions Part 2

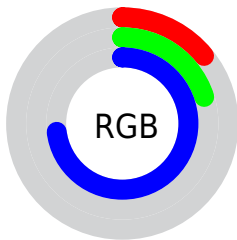
Format	Color
R_{YB}	35, 49, 187
Decimal	2306747
CIE _{Lab}	29.98, 44.03, -72.57
CIE _{LCh}	30, 84.881, 301.244
Yxy	6.2264, 0.1670, 0.0963
Android (android.graphics.Color)	4280496827 (0xFF2332BB)
YUV	61.1330, 62.0524, -22.9186
Hunter-Lab	24.9527, 33.6150, -95.7447

Details

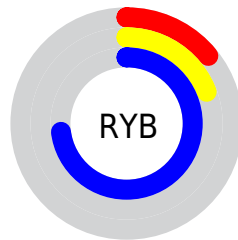
The YUV color **61.1330, 62.0524, -22.9186** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **160.8670, -62.0524, 22.9186**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0470, 62.5878, -7.9342**, and **19.1570, 55.6316, -16.8007** is the 20% darker color. If you saturate the color by 10%, you get **45.4730, 69.7728, -25.8478**, and if you desaturate by 10%, it is **76.7930, 54.3321, -19.9895**.

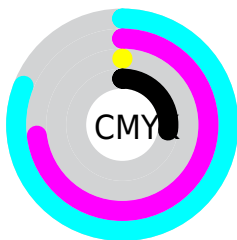
Distribution



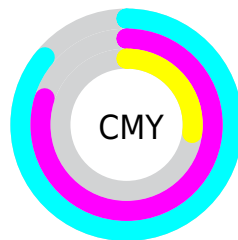
- Red (14%)
- Green (20%)
- Blue (73%)



- Red (14%)
- Yellow (19%)
- Blue (73%)



- Cyan (81%)
- Magenta (73%)
- Yellow (0%)
- Black (27%)



- Cyan (86%)
- Magenta (80%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1330, 62.0524, -22.9186 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 61.1330, 62.0524, -22.9186 by changing the saturation by 10% instead.

■ 61.1330, 62.0524,
-22.9186

■ 61.1330, 62.0524,
-22.9186

■ 255.0000, 0.0000,
0.0000

■ 34.5620, 61.3479,
-30.3109

■ 117.0470, 62.5878,
-7.9342

■ 19.1570, 55.6316,
-16.8007

■ 142.8320, 55.2988,
-3.3607

■ 12.0840, 46.3006,
-10.5977

■ 167.3630, 43.2050,
2.3126

■ 15.1040, 32.4867,
-13.2462

■ 192.1820, 30.9693,
6.8564

■ 9.4330, 23.4505,
-8.2727

■ 217.0010, 18.7335,
11.4001

■ 5.0500, 14.2723,
-4.4289

■ 241.4990, 6.6560,

■ 1.0260, 3.9312,

11.8404

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 61.1330, 62.0524,
-22.9186

■ 61.1330, 62.0524,
-22.9186

■ 45.4730, 69.7728,
-25.8478

■ 76.7930, 54.3321,
-19.9895

■ 31.8840, 76.4722,
-27.9623

■ 92.1540, 46.7591,
-17.6751

■ 107.8140, 39.0387,
-14.7459

■ 122.8870, 31.6077,
-11.3019

■ 138.5470, 23.8873,
-8.3727

■ 153.9080, 16.3144,
-6.0583

■ 169.5680, 8.5940,
-3.1291

■ 185.2280, 0.8736,
-0.2000

■ 200.5890, -6.6994,
2.1144

Harmonies

Analogous

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



71.1450, 66.9765, -62.3942



61.1330, 62.0524, -22.9186



59.1580, 37.8831, 76.1604

Triad

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



61.1330, 62.0524, -22.9186



60.3230, -29.7392, 65.4917



62.7990, 4.5361, -55.0747

Complementary

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



61.1330, 62.0524, -22.9186



160.8670, -62.0524, 22.9186

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.



52.8300, -26.0452, -46.3319



61.1330, 62.0524, -22.9186



66.5050, -32.7870, 16.2201

Square

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



61.1330, 62.0524, -22.9186



50.6880, -23.0172, 102.8826



49.8950, -24.5982, -43.7579



71.0240, 33.5122, -62.2880

Rectangle

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



61.1330, 62.0524, -22.9186



61.4320, 15.5630, 95.2141



49.8950, -24.5982, -43.7579



59.4760, -5.6577, -52.1605

Sweetspot

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



61.1330, 62.0524, -22.9186



194.1340, 23.5979, -8.8875



139.8420, 15.8539, -91.9464



92.7510, 14.4198, -5.0436



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



61.1330, 62.0524, -22.9186



45.5190, 96.8651, -35.5352



70.5670, 57.4015, 22.3047



86.6130, 3.6418, -1.4146



27.4040, 64.3838, -24.0333



5.2950, 12.6726, -4.6437

Inverse Universe

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



82.1580, -15.8539, 91.9464



78.4850, -24.8891, 143.4027



151.4330, -57.4015, -22.3047



87.8050, -0.8899, 5.4330



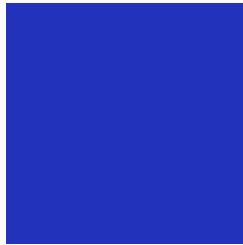
49.0660, -16.3015, 95.5351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 61.1330, 62.0524, -22.9186 looks on a white background.

Color Contrast Check

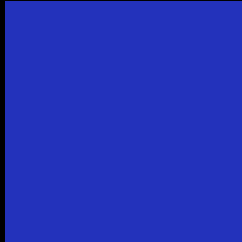
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.1330, 62.0524, -22.9186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

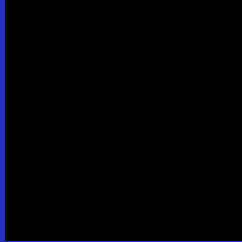
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.1330, 62.0524, -22.9186

Background



This preview shows how black text looks on a background with the YUV color 61.1330, 62.0524, -22.9186.



This preview shows how white text looks on a background with the YUV color 61.1330, 62.0524, -22.9186.

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

61.1330, 62.0524, -22.9186

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.7590, 32.1638, -49.7776



Tritanopia

55.2480, 13.6817, -48.4525

Trichromacy



Original Color

61.1330, 62.0524, -22.9186

Protanomaly

57.8200, 49.8817, -39.3071

Deuteranomaly

58.6860, 43.0458, -40.0666

Tritanomaly

57.5970, 31.2577, -39.1116

Monochromacy



Original Color

61.1330, 62.0524, -22.9186

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2050, 22.5769, -8.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1330, 62.0524, -22.9186 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(35, 50, 187)` looks like.

```
.text, #text, p{  
    color:rgb(35, 50, 187)  
}
```

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(35, 50, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 50, 187) }
```

Border

The CSS property to change the border of an element to YUV 61.1330, 62.0524, -22.9186 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(35, 50, 187) }
```


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

```
.border{ border-color:rgb(35, 50, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 50, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 50, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 50, 187);  
box-shadow:4px 4px 4px 4px rgb(35, 50,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 61.1330, 62.0524, -22.9186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 50, 187) }
```

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

```
.background{ background-color: rgb(35, 50,  
187) }
```

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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