

Converting Colors

YUV(62.1200, -5.4822, -15.0142)

Have a look what the booklet for
YUV(62.1200, -5.4822, -15.0142)
contains.

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Color

**YUV(62.1200, -5.4822,
-15.0142)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4933
RGB	45, 73, 51
RGB Percent	18%, 29%, 20%
CMY	0.8235, 0.7137, 0.8000
CMYK	0.38, 0.00, 0.30, 0.71
HSL	133°, 24%, 23%
HSV	133°, 38%, 29%
XYZ	4.0623, 5.5620, 3.9914
YIQ	62.1200, -9.6260, -12.7780

Conversions

Conversions Part 2

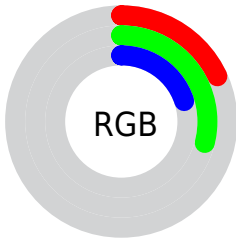
Format	Color
R_{YB}	45, 68, 73
Decimal	2967859
CIE Lab	28.28, -16.04, 9.91
CIE LCh	28, 18.855, 148.309
Yxy	5.5620, 0.2984, 0.4085
Android (android.graphics.Color)	4281157939 (0xFF2D4933)
YUV	62.1200, -5.4822, -15.0142
Hunter-Lab	23.5839, -10.5255, 6.4742

Details

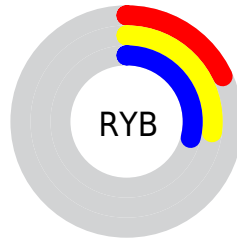
The YUV color **62.1200, -5.4822, -15.0142** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **55.8800, 5.4822, 15.0142**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1800, -6.4977, -15.9439**, and **18.1800, -6.4977, -15.9439** is the 20% darker color. If you saturate the color by 10%, you get **59.3430, -7.0711, -18.7178**, and if you desaturate by 10%, it is **64.8970, -3.8932, -11.3107**.

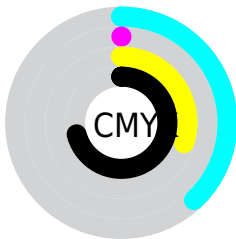
Distribution



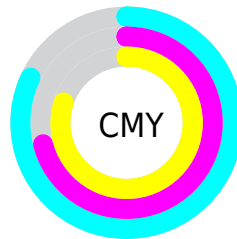
- Red (18%)
- Green (29%)
- Blue (20%)



- Red (18%)
- Yellow (27%)
- Blue (29%)



- Cyan (38%)
- Magenta (0%)
- Yellow (30%)
- Black (71%)



- Cyan (82%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.1200, -5.4822, -15.0142 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 62.1200, -5.4822, -15.0142 by changing the saturation by 10% instead.

■ 62.1200, -5.4822,
-15.0142

■ 62.1200, -5.4822,
-15.0142

255.0000, 0.0000,
0.0000

■ 39.6470, -4.7560,
-14.5994

■ 110.1800, -6.4977,
-15.9439

■ 18.1800, -6.4977,
-15.9439

■ 135.7670, -6.7871,
-16.4587

■ 0.0000, 0.0000,
0.0000

■ 161.7670, -6.7871,
-16.4587

■ 189.0550, -6.9291,
-17.5882

■ 216.9410, -7.3659,
-17.4883

■ 243.1800, -6.4977,

-15.9439

254.7010, 0.1474,
-0.6148

■ 62.1200, -5.4822,
-15.0142

■ 62.1200, -5.4822,
-15.0142

■ 59.3430, -7.0711,
-18.7178

■ 64.8970, -3.8932,
-11.3107

■ 56.3810, -8.0758,
-23.1361

■ 67.8590, -2.8885,
-6.8923

■ 53.6040, -9.6648,
-26.8397

■ 70.6360, -1.2995,
-3.1888

■ 50.8270, -11.2537,
-30.5433

■ 73.4130, 0.2894,
0.5148

■ 48.0500, -12.8427,
-34.2469

■ 76.4890, 1.7309,
4.8331

■ 45.0880, -13.8474,
-38.6652

■ 79.1520, 2.8831,
8.6367

■ 44.6750, -14.1368,
-39.1800

■ 81.9290, 4.4720,
12.3403

■ 84.7060, 6.0609,
16.0438

■ 87.7820, 7.5025,
20.3622

Harmonies

Analogous

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



64.3020, -11.4879, -2.0189



62.1200, -5.4822, -15.0142



58.6220, 3.1444, -28.6095

Triad

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



62.1200, -5.4822, -15.0142



64.2010, 15.1839, -16.8393



68.0200, -6.9119, 23.6615

Complementary

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



62.1200, -5.4822, -15.0142



55.8800, 5.4822, 15.0142

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.



68.7300, -0.3599, 22.1618



62.1200, -5.4822, -15.0142



67.5020, 12.0775, -0.4403

Square

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



62.1200, -5.4822, -15.0142



58.6180, 15.9643, -33.8680



68.5100, 6.6506, 13.5847



67.2060, -12.4266, 19.1133

Rectangle

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



62.1200, -5.4822, -15.0142



56.1740, 9.2812, -36.9866



68.5100, 6.6506, 13.5847



67.8890, -4.8753, 23.7763

Sweetspot

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



62.1200, -5.4822, -15.0142



89.6850, -2.3097, -5.8627



68.0140, -11.3459, -0.8893



45.6360, -1.2995, -3.1888



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



62.1200, -5.4822, -15.0142



77.2670, -8.5126, -23.0362



63.7160, 0.6330, -16.4139



34.4620, -0.7208, -2.1592



60.5070, -19.4770, -53.0646



138.8350, -44.2887, -121.7583

Inverse Universe

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



55.8800, 5.4822, 15.0142



67.7330, 8.5126, 23.0362



54.2840, -0.6330, 16.4139



33.5380, 0.7208, 2.1592



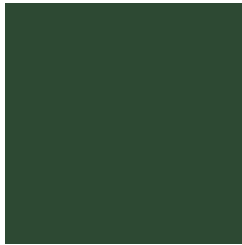
38.4930, 19.4770, 53.0646



88.1650, 44.2887, 121.7583

Previews

White Background



This preview shows how the YUV color 62.1200, -5.4822, -15.0142 looks on a white background.

Color Contrast Check

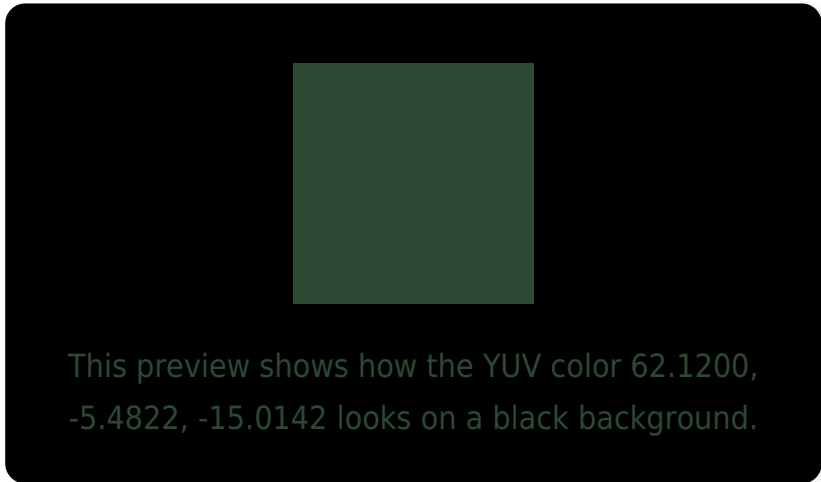
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.1200, -5.4822, -15.0142

Background



This preview shows how black text looks on a background with the YUV color 62.1200, -5.4822, -15.0142.



This preview shows how white text looks on a background with the YUV color 62.1200, -5.4822, -15.0142.

-15.0142.

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

62.1200, -5.4822, -15.0142

Protanopia

65.7420, -8.7468, 5.4883

Deuteranopia

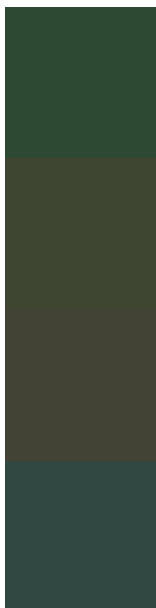
66.9320, -6.8685, 9.7066



Tritanopia

64.5900, 5.1321, -12.7954

Trichromacy



Original Color

62.1200, -5.4822, -15.0142

Protanomaly

64.6270, -7.7041, -2.3039

Deuteranomaly

64.9910, -6.4046, 0.8849

Tritanomaly

63.5530, 1.2064, -13.6400

Monochromacy



Original Color

62.1200, -5.4822, -15.0142

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0980, -2.0203, -5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.1200, -5.4822, -15.0142 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(45, 73, 51)` looks like.

```
.text, #text, p{  
    color:rgb(45, 73, 51)  
}
```

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(45, 73, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 73, 51) }
```

Border

The CSS property to change the border of an element to YUV 62.1200, -5.4822, -15.0142 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(45, 73, 51) }
```


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

```
.border{ border-color:rgb(45, 73, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 73, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 73, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 73, 51);  
box-shadow:4px 4px 4px 4px rgb(45, 73, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.1200, -5.4822, -15.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 73, 51) }
```

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

```
.background{ background-color: rgb(45, 73,  
51) }
```

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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