

Converting Colors

YUV(61.1710, 7.3107, -11.5510)

Have a look what the booklet for
YUV(61.1710, 7.3107, -11.5510)
contains.

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Color

**YUV(61.1710, 7.3107,
-11.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	30414C
RGB	48, 65, 76
RGB Percent	19%, 25%, 30%
CMY	0.8118, 0.7451, 0.7020
CMYK	0.37, 0.14, 0.00, 0.70
HSL	204°, 23%, 24%
HSV	204°, 37%, 30%
XYZ	4.4137, 4.9308, 7.5566
YIQ	61.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

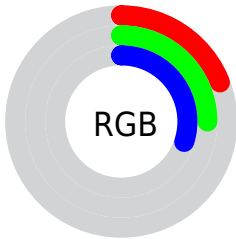
Format	Color
RYB	48, 59, 76
Decimal	3162444
CIELab	26.54, -3.63, -8.85
CIElCh	27, 9.566, 247.705
Yxy	4.9308, 0.2612, 0.2917
Android (android.graphics.Color)	4281352524 (0xFF30414C)
YUV	61.1710, 7.3107, -11.5510
Hunter-Lab	22.2053, -3.3791, -4.6329

Details

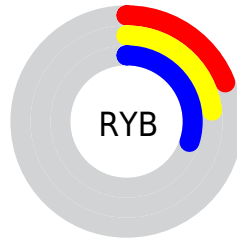
The YUV color **61.1710, 7.3107, -11.5510** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.8290, -7.3107, 11.5510**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9860, 7.8949, -12.2657**, and **18.0460, 6.8793, -13.1953** is the 20% darker color. If you saturate the color by 10%, you get **57.0180, 9.3581, -14.9248**, and if you desaturate by 10%, it is **65.3240, 5.2633, -8.1771**.

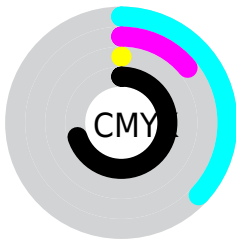
Distribution



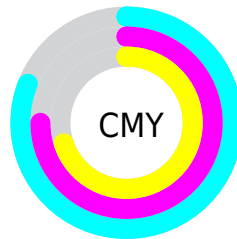
- Red (19%)
- Green (25%)
- Blue (30%)



- Red (19%)
- Yellow (23%)
- Blue (30%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (70%)



- Cyan (81%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1710, 7.3107, -11.5510 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 61.1710, 7.3107, -11.5510 by changing the saturation by 10% instead.

■ 61.1710, 7.3107,
-11.5510

■ 61.1710, 7.3107,
-11.5510

■ 255.0000, 0.0000,
0.0000

■ 39.0570, 6.8739,
-11.4510

■ 108.9860, 7.8949,
-12.2657

■ 18.0460, 6.8793,
-13.1953

■ 134.1000, 8.3317,
-12.3657

■ 0.7980, 3.0576,
-0.6998

■ 160.1000, 8.3317,
-12.3657

■ 0.0000, 0.0000,
0.0000

■ 187.8010, 8.4791,
-12.9805

■ 214.9150, 8.9159,
-13.0805

■ 242.8180, 6.0057,

-12.9954

■ 61.1710, 7.3107,
-11.5510

■ 61.1710, 7.3107,
-11.5510

■ 57.0180, 9.3581,
-14.9248

■ 65.3240, 5.2633,
-8.1771

■ 53.1640, 11.2581,
-17.6838

■ 69.1780, 3.3632,
-5.4181

■ 49.0110, 13.3056,
-21.0576

■ 73.3310, 1.3158,
-2.0443

■ 45.1570, 15.2056,
-23.8167

■ 77.1850, -0.5842,
0.7148

■ 41.0040, 17.2530,
-27.1905

■ 81.3380, -2.6316,
4.0886

■ 36.8510, 19.3005,
-30.5643

■ 85.4910, -4.6791,
7.4624

■ 35.6660, 19.8847,
-31.2791

■ 89.3450, -6.5791,
10.2214

■ 93.4980, -8.6265,
13.5953

■ 97.3520, -10.5265,
16.3543

Harmonies

Analogous

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



59.6930, 5.5744, -14.6398



61.1710, 7.3107, -11.5510



62.8020, 6.9996, -5.0884

Triad

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



61.1710, 7.3107, -11.5510



64.3220, -1.6377, 11.9956



61.3110, -5.0833, -2.9037

Complementary

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



61.1710, 7.3107, -11.5510



62.8290, -7.3107, 11.5510

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.



62.1870, -6.9942, 3.3440



61.1710, 7.3107, -11.5510



63.2250, -4.5479, 12.0807

Square

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



61.1710, 7.3107, -11.5510



63.9240, 2.0095, 8.8367



62.6330, -6.7211, 9.0919



60.1900, -1.5727, -8.9366

Rectangle

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



61.1710, 7.3107, -11.5510



63.3080, 6.2572, -0.2701



62.6330, -6.7211, 9.0919



61.5070, -5.6730, -0.4446

Sweetspot

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



61.1710, 7.3107, -11.5510



93.6620, 2.6316, -4.0886



65.6900, -3.2982, -15.5141



47.1460, 1.9000, -2.7590



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



61.1710, 7.3107, -11.5510



76.1640, 11.2581, -17.6838



52.9530, 11.3622, -4.3438



36.2170, 0.8790, -1.9443



48.0220, 26.6112, -42.1153



107.8130, 60.2382, -94.5520

Inverse Universe

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



58.3100, 3.2982, 15.5141



71.8210, 5.0182, 23.8360



71.0470, -11.3622, 4.3438



35.5380, 0.7208, 2.1592



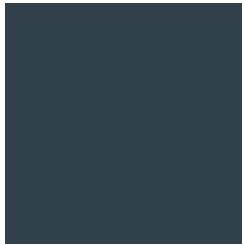
37.5660, 12.0460, 56.5086



84.6160, 26.8113, 127.5018

Previews

White Background



This preview shows how the YUV color 61.1710, 7.3107, -11.5510 looks on a white background.

Color Contrast Check

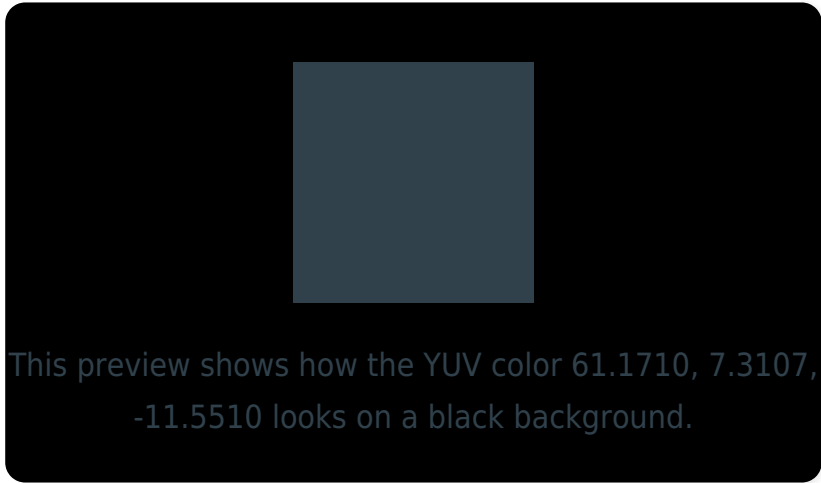
Large Text (above 18pt) WCAG AA ✓ Pass

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

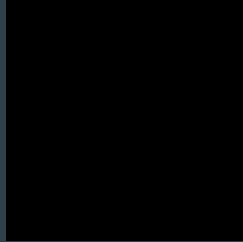
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.1710, 7.3107, -11.5510

Background



This preview shows how black text looks on a background with the YUV color 61.1710, 7.3107, -11.5510.



This preview shows how white text looks on a background with the YUV color 61.1710, 7.3107, -11.5510.

-11.5510.

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

61.1710, 7.3107, -11.5510

Protanopia

62.7700, 5.5364, -2.4293

Deuteranopia

63.1230, 6.8414, -0.9849



Tritanopia

60.8890, 4.9847, -12.1807

Trichromacy



Original Color

61.1710, 7.3107, -11.5510

Protanomaly

62.2750, 6.2734, -5.5032

Deuteranomaly

62.2150, 7.2890, -4.5736

Tritanomaly

61.1170, 5.8583, -12.3806

Monochromacy



Original Color

61.1710, 7.3107, -11.5510

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1710, 7.3107, -11.5510 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(48, 65, 76)` looks like.

```
.text, #text, p{  
    color:rgb(48, 65, 76)  
}
```

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(48, 65, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 65, 76) }
```

Border

The CSS property to change the border of an element to YUV 61.1710, 7.3107, -11.5510 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(48, 65, 76) }
```


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

```
.border{ border-color:rgb(48, 65, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 65, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 65, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 65, 76);  
box-shadow:4px 4px 4px 4px rgb(48, 65, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.1710, 7.3107, -11.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 65, 76) }
```

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

```
.background{ background-color: rgb(48, 65,  
76) }
```

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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