

Converting Colors

YUV(29.7730, -5.8041, -5.0629)

Have a look what the booklet for
YUV(29.7730, -5.8041, -5.0629)
contains.

YUV(29.7730, -5.8041, -5.0629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(29.7730, -5.8041,
-5.0629)**

Conversions

Conversions Part 1

Format	Color
Hex	182312
RGB	24, 35, 18
RGB Percent	9%, 14%, 7%
CMY	0.9059, 0.8627, 0.9294
CMYK	0.31, 0.00, 0.49, 0.86
HSL	99°, 32%, 10%
HSV	99°, 49%, 14%
XYZ	1.0869, 1.4399, 0.7929
YIQ	29.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

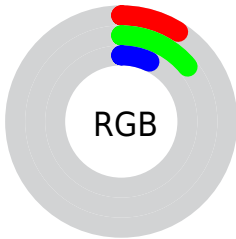
Format	Color
R_{YB}	18, 35, 29
Decimal	1581842
CIE Lab	12.22, -8.99, 9.73
CIE LCh	12, 13.250, 132.754
Yxy	1.4399, 0.3274, 0.4337
Android (android.graphics.Color)	4279771922 (0xFF182312)
YUV	29.7730, -5.8041, -5.0629
Hunter-Lab	11.9997, -4.8314, 4.4820

Details

The YUV color **29.7730, -5.8041, -5.0629** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23.2270, 5.8041, 5.0629**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.2460, -6.5303, -5.4777**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.8330, -6.8197, -5.9925**, and if you desaturate by 10%, it is **30.7130, -4.7885, -4.1333**.

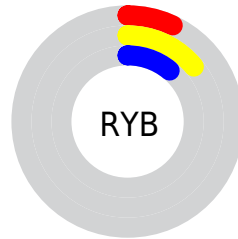
Distribution



Red (9%)

Green (14%)

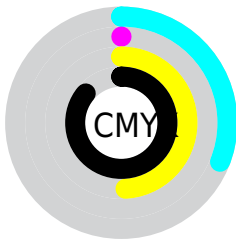
Blue (7%)



Red (7%)

Yellow (14%)

Blue (11%)

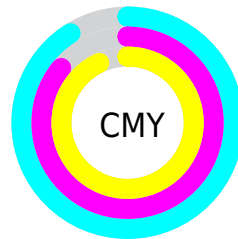


Cyan (31%)

Magenta (0%)

Yellow (49%)

Black (86%)



Cyan (91%)

Magenta (86%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.7730, -5.8041, -5.0629 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 29.7730, -5.8041, -5.0629 by changing the saturation by 10% instead.

■ 29.7730, -5.8041,
-5.0629

■ 29.7730, -5.8041,
-5.0629

■ 252.3220, -5.0887,
-1.1594

■ 8.2180, -4.0515,
-7.2072

■ 73.2460, -6.5303,
-5.4777

■ 0.0000, 0.0000,
0.0000

■ 97.1320, -6.9671,
-5.3778

■ 122.4200, -7.1091,
-6.5073

■ 148.3060, -7.5459,
-6.4074

■ 174.3060, -7.5459,
-6.4074

■ 202.1920, -7.9827,

-6.3074

■ 230.1920, -7.9827,
-6.3074

■ 29.7730, -5.8041,
-5.0629

■ 29.7730, -5.8041,
-5.0629

■ 28.8330, -6.8197,
-5.9925

■ 30.7130, -4.7885,
-4.1333

■ 27.4800, -8.1246,
-7.4370

■ 32.0660, -3.4835,
-2.6889

■ 26.4260, -9.5770,
-8.2666

■ 33.1200, -2.0312,
-1.8592

■ 25.4860, -10.5926,
-9.1962

■ 34.0600, -1.0156,
-0.9296

■ 24.4320, -12.0450,
-10.0259

■ 35.1140, 0.4368,
-0.1000

■ 24.1330, -11.8976,
-10.6406

■ 36.3530, 1.3050,
1.4444

■ 37.4070, 2.7573,
2.2741

■ 38.3470, 3.7729,
3.2037

■ 39.4010, 5.2253,
4.0333

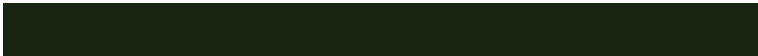
Harmonies

Analogous

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



30.9050, -9.3202, 2.7143



29.7730, -5.8041, -5.0629



27.6840, -0.8302, -13.7549

Triad

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



29.7730, -5.8041, -5.0629



27.9360, 10.3846, -17.4839



32.8170, -2.3748, 15.0695

Complementary

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



29.7730, -5.8041, -5.0629



23.2270, 5.8041, 5.0629

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.



32.7610, 2.5828, 11.6106



29.7730, -5.8041, -5.0629



31.9590, 8.8942, -6.1030

Square

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



29.7730, -5.8041, -5.0629



26.1480, 8.8010, -22.9318



32.9280, 5.9515, 4.4481



32.4810, -6.1531, 13.6102

Rectangle

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



29.7730, -5.8041, -5.0629



26.6770, 3.1172, -19.8877



32.9280, 5.9515, 4.4481



32.8600, -0.9170, 14.1548

Sweetspot

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



29.7730, -5.8041, -5.0629



43.7070, -2.3206, -2.3740



29.5400, -5.6892, 4.7884



21.6470, -1.3050, -1.4444



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



29.7730, -5.8041, -5.0629



37.8390, -9.2876, -7.7518



28.2070, -4.0461, -8.9515



17.4730, -0.7262, -0.4148



56.8050, -28.0049, -24.3850



144.8090, -71.3908, -62.0995

Inverse Universe

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



23.2270, 5.8041, 5.0629



27.4600, 9.1402, 8.3666



24.7930, 4.0461, 8.9515



16.5270, 0.7262, 0.4148



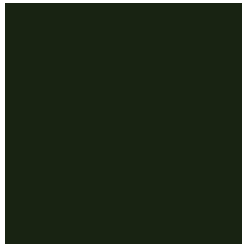
25.1950, 28.0049, 24.3850



64.1910, 71.3908, 62.0995

Previews

White Background



This preview shows how the YUV color 29.7730, -5.8041, -5.0629 looks on a white background.

Color Contrast Check

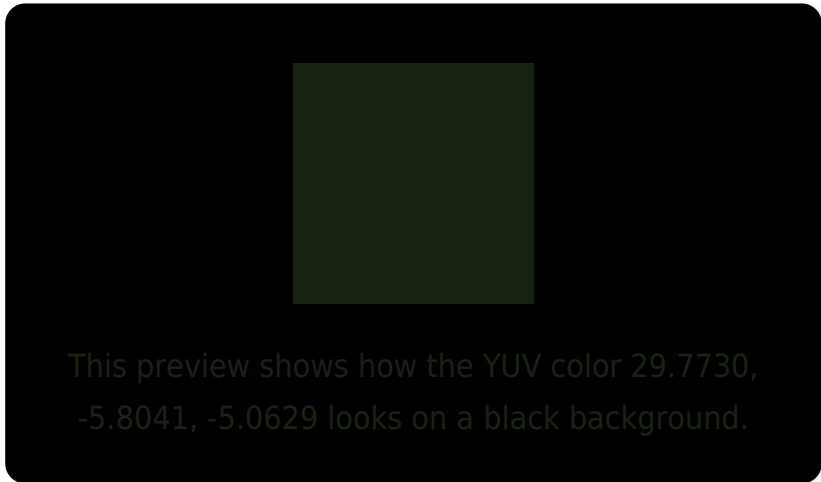
Large Text (above 18pt) WCAG AA ✓ Pass

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

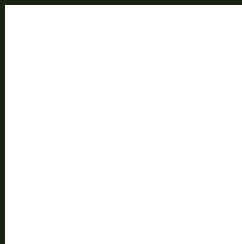
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 29.7730, -5.8041, -5.0629

Background



This preview shows how black text looks on a background with the YUV color 29.7730, -5.8041, -5.0629.



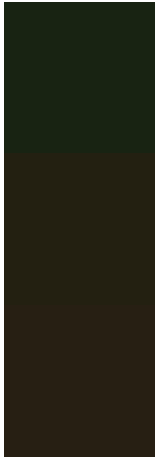
This preview shows how white text looks on a background with the YUV color 29.7730, -5.8041, -5.0629.

-5.0629.

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

29.7730, -5.8041, -5.0629

Protanopia

31.1870, -6.9942, 3.3440

Deuteranopia

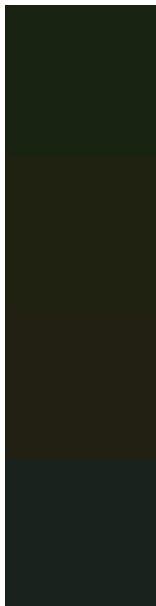
32.0240, -6.4208, 6.1180



Tritanopia

31.5480, 2.1948, -3.9886

Trichromacy



Original Color

29.7730, -5.8041, -5.0629

Protanomaly

30.5780, -6.6940, 0.3701

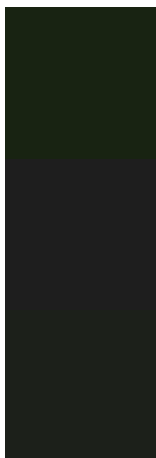
Deuteranomaly

31.1160, -5.9732, 2.5293

Tritanomaly

31.0380, -1.0047, -4.4183

Monochromacy



Original Color

29.7730, -5.8041, -5.0629

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.1200, -2.0312, -1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.7730, -5.8041, -5.0629 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(24, 35, 18)` looks like.

```
.text, #text, p{  
    color:rgb(24, 35, 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(24, 35, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 35, 18) }
```

Border

The CSS property to change the border of an element to YUV 29.7730, -5.8041, -5.0629 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(24, 35, 18) }
```


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

```
.border{ border-color:rgb(24, 35, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 35, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 35, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 35, 18);  
box-shadow:4px 4px 4px 4px rgb(24, 35, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.7730, -5.8041, -5.0629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 35, 18) }
```

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

```
.background{ background-color: rgb(24, 35,  
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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