

Converting Colors

YUV(30.0710, -4.4720, -12.3403)

Have a look what the booklet for
YUV(30.0710, -4.4720, -12.3403)
contains.

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Color

**YUV(30.0710, -4.4720,
-12.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	102715
RGB	16, 39, 21
RGB Percent	6%, 15%, 8%
CMY	0.9373, 0.8471, 0.9176
CMYK	0.59, 0.00, 0.46, 0.85
HSL	133°, 42%, 11%
HSV	133°, 59%, 15%
XYZ	1.0746, 1.6153, 0.9646
YIQ	30.0710, -7.9300, -10.4740

Conversions

Conversions Part 2

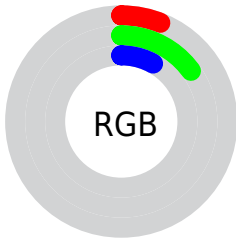
Format	Color
R_YB	16, 35, 39
Decimal	1058581
CIE Lab	13.32, -14.17, 9.17
CIE LCh	13, 16.884, 147.088
Yxy	1.6153, 0.2940, 0.4420
Android (android.graphics.Color)	4279248661 (0xFF102715)
YUV	30.0710, -4.4720, -12.3403
Hunter-Lab	12.7096, -7.1501, 4.3968

Details

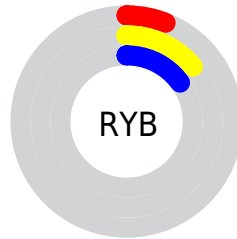
The YUV color **30.0710, -4.4720, -12.3403** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24.9290, 4.4720, 12.3403**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.4300, -5.6350, -12.6551**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.5330, -5.1928, -14.4994**, and if you desaturate by 10%, it is **31.6090, -3.7512, -10.1811**.

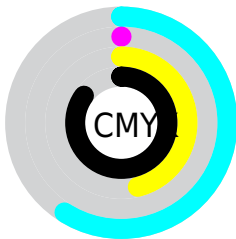
Distribution



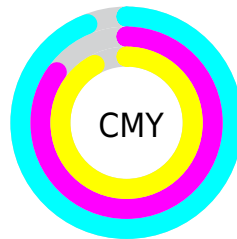
- Red (6%)
- Green (15%)
- Blue (8%)



- Red (6%)
- Yellow (14%)
- Blue (15%)



- Cyan (59%)
- Magenta (0%)
- Yellow (46%)
- Black (85%)



- Cyan (94%)
- Magenta (85%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.0710, -4.4720, -12.3403 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 30.0710, -4.4720, -12.3403 by changing the saturation by 10% instead.

■ 30.0710, -4.4720,
-12.3403

■ 30.0710, -4.4720,
-12.3403

■ 250.3860, -2.1623,
-6.4775

■ 11.7400, -5.7878,
-10.2960

■ 74.4300, -5.6350,
-12.6551

■ 0.0000, 0.0000,
0.0000

■ 98.7180, -5.7770,
-13.7847

■ 123.6040, -6.2138,
-13.6847

■ 149.3050, -6.0664,
-14.2995

■ 175.8920, -6.3558,
-14.8143

■ 203.4790, -6.6451,

-15.3291

■ 231.4790, -6.6451,
-15.3291

■ 30.0710, -4.4720,
-12.3403

■ 30.0710, -4.4720,
-12.3403

■ 28.5330, -5.1928,
-14.4994

■ 31.6090, -3.7512,
-10.1811

■ 26.9950, -5.9135,
-16.6586

■ 33.1470, -3.0305,
-8.0219

■ 25.4570, -6.6343,
-18.8178

■ 34.6850, -2.3097,
-5.8627

■ 23.9190, -7.3551,
-20.9770

■ 36.2230, -1.5889,
-3.7036

■ 23.8050, -7.7919,
-20.8770

■ 37.7610, -0.8682,
-1.5444

■ 39.0000, 0.0000,
0.0000

■ 40.5380, 0.7208,
2.1592

■ 42.0760, 1.4415,
4.3183

■ 43.6140, 2.1623,
6.4775

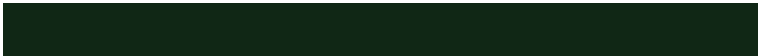
Harmonies

Analogous

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



32.2420, -10.4723, -1.0892



30.0710, -4.4720, -12.3403



27.2420, 2.8387, -23.8912

Triad

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



30.0710, -4.4720, -12.3403



30.7340, 13.4421, -18.1837



34.1550, -5.0064, 19.1581

Complementary

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



30.0710, -4.4720, -12.3403



24.9290, 4.4720, 12.3403

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.



34.6370, 0.6720, 17.8584



30.0710, -4.4720, -12.3403



34.9210, 9.8989, -1.6847

Square

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



30.0710, -4.4720, -12.3403



29.0490, 12.3008, -25.4760



35.5590, 5.6404, 10.9108



33.8680, -9.7949, 15.0248

Rectangle

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



30.0710, -4.4720, -12.3403



28.1540, 6.3331, -24.6911



35.5590, 5.6404, 10.9108



34.6110, -3.2592, 18.7582

Sweetspot

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



30.0710, -4.4720, -12.3403



47.5110, -1.7309, -4.8331



34.8830, -9.3093, -0.7744



23.6360, -1.2995, -3.1888



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



30.0710, -4.4720, -12.3403



37.0440, -6.9237, -19.3326



31.3250, 0.3328, -13.4400



19.2880, -0.1420, -1.1296



51.3600, -16.4465, -45.0427



129.6880, -41.2582, -113.7364

Inverse Universe

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



24.9290, 4.4720, 12.3403



28.9560, 6.9237, 19.3326



23.6750, -0.3328, 13.4400



18.8260, 0.5788, 1.0296



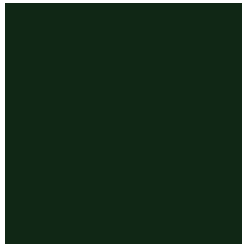
32.6400, 16.4465, 45.0427



82.3120, 41.2582, 113.7364

Previews

White Background



This preview shows how the YUV color 30.0710, -4.4720, -12.3403 looks on a white background.

Color Contrast Check

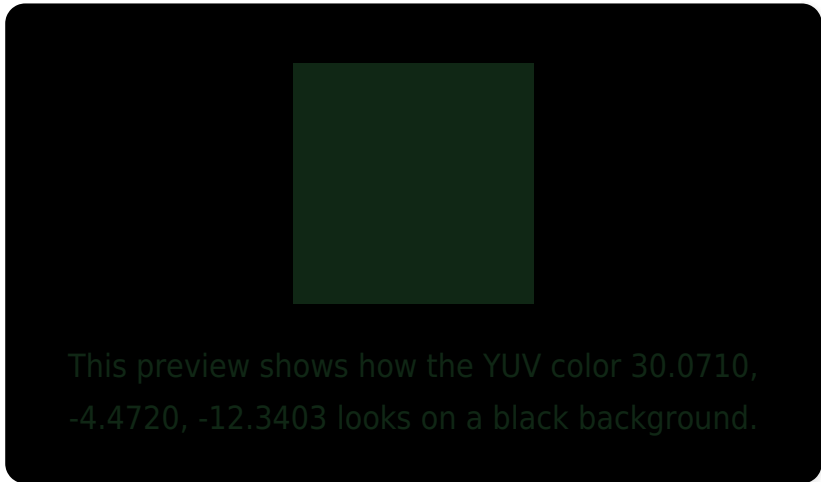
Large Text (above 18pt) WCAG AA ✓ Pass

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

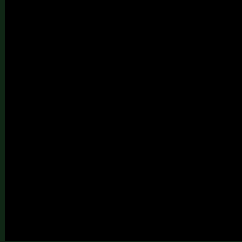
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.0710, -4.4720, -12.3403

Background



This preview shows how black text looks on a background with the YUV color 30.0710, -4.4720, -12.3403.



This preview shows how white text looks on a background with the YUV color 30.0710, -4.4720, -12.3403.

-12.3403.

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

30.0710, -4.4720, -12.3403

Protanopia

33.4860, -7.1416, 3.9588

Deuteranopia

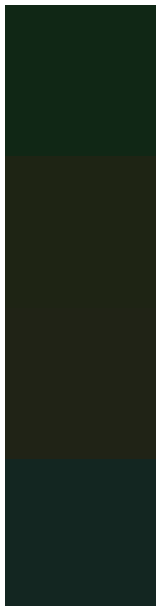
34.1380, -5.9840, 6.0180



Tritanopia

32.5580, 3.6689, -10.1364

Trichromacy



Original Color

30.0710, -4.4720, -12.3403

Protanomaly

32.3820, -6.1043, -2.0890

Deuteranomaly

32.6210, -5.2362, -0.5446

Tritanomaly

31.7490, 0.6167, -11.1809

Monochromacy



Original Color

30.0710, -4.4720, -12.3403

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0710, -4.4720, -12.3403 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(16, 39, 21)` looks like.

```
.text, #text, p{  
    color:rgb(16, 39, 21)  
}
```

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(16, 39, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 39, 21) }
```

Border

The CSS property to change the border of an element to YUV 30.0710, -4.4720, -12.3403 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(16, 39, 21) }
```


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

```
.border{ border-color:rgb(16, 39, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 39, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 39, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 39, 21);  
box-shadow:4px 4px 4px 4px rgb(16, 39, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.0710, -4.4720, -12.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 39, 21) }
```

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

```
.background{ background-color: rgb(16, 39,  
21) }
```

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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