

Converting Colors

YUV(72.4610, -13.0453,
-62.6713)

Have a look what the booklet for
YUV(72.4610, -13.0453, -62.6713)
contains.

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Color

**YUV(72.4610, -13.0453,
-62.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	01722E
RGB	1, 114, 46
RGB Percent	0%, 45%, 18%
CMY	0.9961, 0.5529, 0.8196
CMYK	0.99, 0.00, 0.60, 0.55
HSL	144°, 98%, 23%
HSV	144°, 99%, 45%
XYZ	6.5230, 12.2383, 4.6032
YIQ	72.4610, -45.5200, -45.1040

Conversions

Conversions Part 2

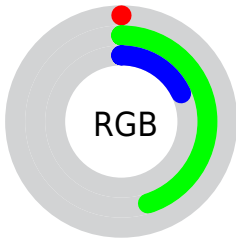
Format	Color
RYB	1, 82, 114
Decimal	94766
CIELab	41.59, -43.53, 29.62
CIELCh	42, 52.657, 145.765
Yxy	12.2383, 0.2792, 0.5238
Android (android.graphics.Color)	4278284846 (0xFF01722E)
YUV	72.4610, -13.0453, -62.6713
Hunter-Lab	34.9833, -27.9378, 16.6868

Details

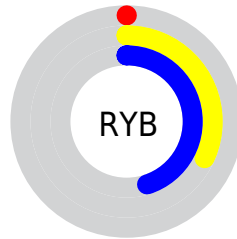
The YUV color **72.4610, -13.0453, -62.6713** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **42.5390, 13.0453, 62.6713**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.1700, -18.3248, -49.2611**, and **37.5680, -18.5210, -32.9471** is the 20% darker color. If you saturate the color by 10%, you get **72.0480, -13.3347, -63.1861**, and if you desaturate by 10%, it is **76.5480, -11.6092, -56.6086**.

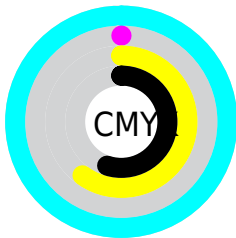
Distribution



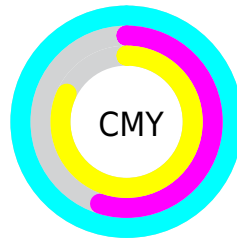
- Red (0%)
- Green (45%)
- Blue (18%)



- Red (0%)
- Yellow (32%)
- Blue (45%)



- Cyan (99%)
- Magenta (0%)
- Yellow (60%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.4610, -13.0453, -62.6713 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 72.4610, -13.0453, -62.6713 by changing the saturation by 10% instead.

■ 72.4610, -13.0453,
-62.6713

■ 72.4610, -13.0453,
-62.6713

255.0000, 0.0000,
0.0000

■ 54.8650, -15.7094,
-48.1166

■ 131.1700,
-18.3248, -49.2611

■ 37.5680, -18.5210,
-32.9471

■ 158.8280,
-19.6352, -48.9612

■ 25.2410, -12.4438,
-22.1364

■ 186.6000,
-20.5088, -48.7612

■ 6.4570, -3.1833,
-5.6628

■ 215.0730,
-21.2350, -49.1760

■ 0.0000, 0.0000,
0.0000

■ 228.3980,
-14.0002, -36.3060

■ 240.2610, -6.0447,

-21.2769

252.0100, 1.4741,
-6.1478

72.4610, -13.0453,
-62.6713

72.4610, -13.0453,
-62.6713

72.0480, -13.3347,
-63.1861

76.5480, -11.6092,
-56.6086

80.9340, -10.3205,
-49.9311

85.0210, -8.8844,
-43.8684

89.2930, -8.0324,
-37.0910

93.3800, -6.5963,
-31.0283

■ 97.4670, -5.1602,
-24.9656

■ 101.8530, -3.8715,
-18.2881

■ 105.9400, -2.4354,
-12.2254

■ 110.3260, -1.1467,
-5.5479

Harmonies

Analogous

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



87.3270, -43.0522, -4.6718



72.4610, -13.0453, -62.6713



78.9390, 5.4531, -69.2295

Triad

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



72.4610, -13.0453, -62.6713



82.7250, 50.4216, -72.5498



92.9550, -14.7678, 70.1995

Complementary

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



72.4610, -13.0453, -62.6713



42.5390, 13.0453, 62.6713

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.



94.3240, 5.7563, 67.2449



72.4610, -13.0453, -62.6713



97.5370, 39.1753, -11.8719

Square

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



72.4610, -13.0453, -62.6713



86.1840, 40.8283, -75.5834



100.3170, 23.0147, 38.3100



93.6930, -34.3586, 53.7662

Rectangle

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



72.4610, -13.0453, -62.6713



82.9460, 18.2676, -72.7436



100.3170, 23.0147, 38.3100



92.8010, -7.7899, 72.0885

Sweetspot

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



72.4610, -13.0453, -62.6713



131.7660, -5.3076, -24.3508



88.2610, -43.0197, -15.1379



64.1030, -3.0088, -14.9993



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



72.4610, -13.0453, -62.6713



93.6020, -17.0588, -82.0890



78.7310, 10.9786, -68.1701



53.8640, -0.4260, -3.3887



75.9120, -13.7606, -66.5748



156.2750, -28.2366, -137.0532

Inverse Universe

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



42.5390, 13.0453, 62.6713



54.3980, 17.0588, 82.0890



36.2690, -10.9786, 68.1701



52.2500, 0.8628, 3.2888



44.0880, 13.7606, 66.5748



90.8390, 28.6734, 136.9532

Previews

White Background



This preview shows how the YUV color 72.4610, -13.0453, -62.6713 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 × Fail

Black Background



This preview shows how the YUV color 72.4610, -13.0453, -62.6713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 72.4610, -13.0453, -62.6713

Background



This preview shows how black text looks on a background with the YUV color 72.4610, -13.0453, -62.6713.



This preview shows how white text looks on a background with the YUV color 72.4610, -13.0453,

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

72.4610, -13.0453, -62.6713

Protanopia

94.7910, -26.5190, 12.4613

Deuteranopia

96.3990, -21.8887, 20.6981



Tritanopia

89.4880, 13.0704, -39.0160

Trichromacy



Original Color

72.4610, -13.0453, -62.6713

Protanomaly

86.8800, -21.6328, -14.8038

Deuteranomaly

88.0100, -18.7389, -9.6558

Tritanomaly

83.6150, 3.6408, -47.8974

Monochromacy



Original Color

72.4610, -13.0453, -62.6713

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0050, -4.4395, -22.8064

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4610, -13.0453, -62.6713 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(1, 114, 46)` looks like.

```
.text, #text, p{  
    color:rgb(1, 114, 46)  
}
```

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(1, 114, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 114, 46) }
```

Border

The CSS property to change the border of an element to YUV 72.4610, -13.0453, -62.6713 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(1, 114, 46) }
```


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

```
.border{ border-color:rgb(1, 114, 46) }
```

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

Here you see how a box with a 4 pixel rgb(1, 114, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 114, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 114, 46);  
box-shadow:4px 4px 4px 4px rgb(1, 114, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.4610, -13.0453, -62.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 114, 46) }
```

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

```
.background{ background-color: rgb(1, 114,  
46) }
```

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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