

Converting Colors

YUV(72.4940, -6.1595, -31.1282)

Have a look what the booklet for
YUV(72.4940, -6.1595, -31.1282)
contains.

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Color

**YUV(72.4940, -6.1595,
-31.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	255D3C
RGB	37, 93, 60
RGB Percent	15%, 36%, 24%
CMY	0.8549, 0.6353, 0.7647
CMYK	0.60, 0.00, 0.35, 0.64
HSL	145°, 43%, 25%
HSV	145°, 60%, 36%
XYZ	5.4929, 8.5483, 5.6354
YIQ	72.4940, -22.7830, -22.1350

Conversions

Conversions Part 2

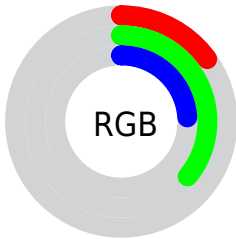
Format	Color
R_{YB}	37, 77, 93
Decimal	2448700
CIE _{Lab}	35.10, -26.95, 13.57
CIE _{LCh}	35, 30.169, 153.271
Yxy	8.5483, 0.2792, 0.4344
Android (android.graphics.Color)	4280638780 (0xFF255D3C)
YUV	72.4940, -6.1595, -31.1282
Hunter-Lab	29.2374, -17.6302, 9.0382

Details

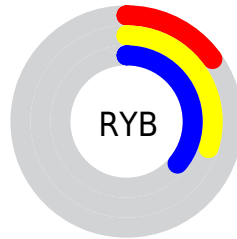
The YUV color **72.4940, -6.1595, -31.1282** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **57.5060, 6.1595, 31.1282**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8530, -7.3225, -31.4431**, and **28.9400, -5.8864, -25.3804** is the 20% darker color. If you saturate the color by 10%, you get **69.2330, -7.0169, -36.1613**, and if you desaturate by 10%, it is **75.7550, -5.3022, -26.0951**.

Distribution



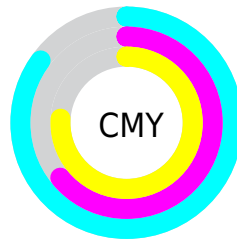
- Red (15%)
- Green (36%)
- Blue (24%)



- Red (15%)
- Yellow (30%)
- Blue (36%)



- Cyan (60%)
- Magenta (0%)
- Yellow (35%)
- Black (64%)



- Cyan (85%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.4940, -6.1595, -31.1282 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 72.4940, -6.1595, -31.1282 by changing the saturation by 10% instead.

■ 72.4940, -6.1595,
-31.1282

■ 72.4940, -6.1595,
-31.1282

255.0000, 0.0000,
0.0000

■ 47.2270, -4.5489,
-34.4021

■ 122.8530, -7.3225,
-31.4431

■ 28.9400, -5.8864,
-25.3804

■ 149.3260, -8.0487,
-31.8579

■ 15.2620, -7.5242,
-13.3848

■ 176.2120, -8.4855,
-31.7579

■ 0.0000, 0.0000,
0.0000

■ 203.7990, -8.7749,
-32.2727

■ 232.0870, -8.9169,
-33.4023

■ 243.9500, -0.9613,

-18.3731

254.1030, 0.4422,
-1.8443

■ 72.4940, -6.1595,
-31.1282

■ 72.4940, -6.1595,
-31.1282

■ 69.2330, -7.0169,
-36.1613

■ 75.7550, -5.3022,
-26.0951

■ 65.5590, -8.1636,
-41.7092

■ 79.4290, -4.1555,
-20.5472

■ 62.2980, -9.0209,
-46.7423

■ 82.6900, -3.2982,
-15.5141

■ 58.9230, -10.3150,
-51.6755

■ 86.0650, -2.0040,
-10.5810

■ 89.6250, -1.2941,
-4.9331

■ 93.0000, 0.0000,
0.0000

■ 96.2610, 0.8573,
5.0331

■ 99.6360, 2.1515,
9.9662

■ 103.1960, 2.8614,
15.6141

Harmonies

Analogous

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



77.5480, -18.0182, -7.4966



72.4940, -6.1595, -31.1282



65.3410, 9.1989, -57.3041

Triad

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



72.4940, -6.1595, -31.1282



77.5830, 25.8416, -28.5753



82.3270, -12.4862, 38.3012

Complementary

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



72.4940, -6.1595, -31.1282



57.5060, 6.1595, 31.1282

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.



83.6010, -1.2823, 38.0609



72.4940, -6.1595, -31.1282



84.3590, 19.0500, 3.1932

Square

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



72.4940, -6.1595, -31.1282



67.6670, 28.2652, -59.3440



84.7980, 9.9596, 25.6102



81.4970, -20.4580, 28.5051

Rectangle

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



72.4940, -6.1595, -31.1282



67.2790, 16.6245, -59.0037



84.7980, 9.9596, 25.6102



83.2500, -8.9972, 39.2458

Sweetspot

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



72.4940, -6.1595, -31.1282



111.9400, -2.4354, -12.2254



80.0380, -21.2177, -7.9263



56.2010, -1.5781, -7.1923



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



72.4940, -6.1595, -31.1282



88.4720, -9.5997, -47.7719



75.5720, 5.6340, -33.8276



44.1630, -0.5734, -2.7740



69.7000, -12.1771, -61.1269



150.1770, -26.2163, -131.7052

Inverse Universe

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



57.5060, 6.1595, 31.1282



65.4140, 9.1629, 47.8719



54.4280, -5.6340, 33.8276



42.8370, 0.5734, 2.7740



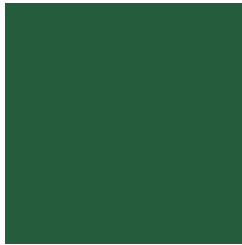
40.3000, 12.1771, 61.1269



86.8230, 26.2163, 131.7052

Previews

White Background



This preview shows how the YUV color 72.4940, -6.1595, -31.1282 looks on a white background.

Color Contrast Check

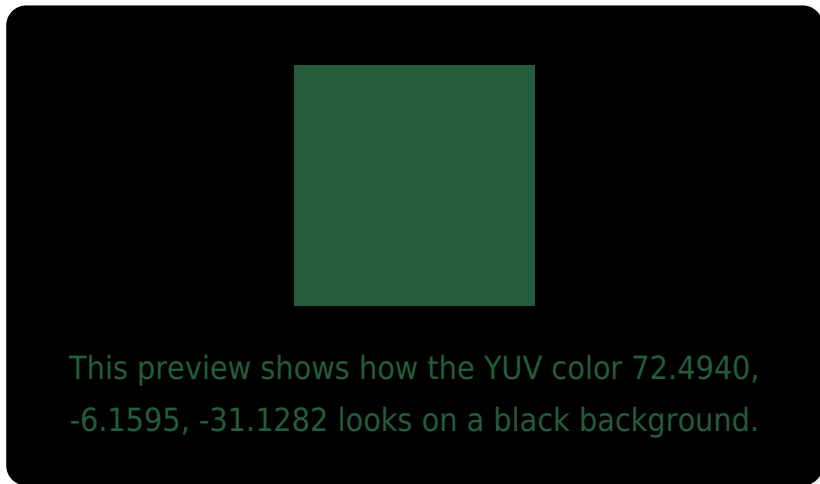
Large Text (above 18pt) WCAG AA ✓ Pass

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

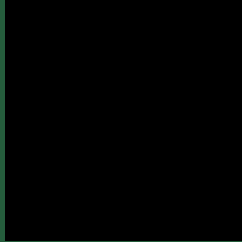
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.4940, -6.1595, -31.1282

Background



This preview shows how black text looks on a background with the YUV color 72.4940, -6.1595, -31.1282.



This preview shows how white text looks on a background with the YUV color 72.4940, -6.1595,

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

72.4940, -6.1595, -31.1282

Protanopia

81.0150, -12.8254, 7.0028

Deuteranopia

82.2590, -9.4947, 12.0509



Tritanopia

77.5390, 9.1013, -25.9057

Trichromacy



Original Color

72.4940, -6.1595, -31.1282

Protanomaly

77.9100, -10.3086, -6.9371

Deuteranomaly

78.8010, -8.2829, -3.3335

Tritanomaly

75.4480, 3.7231, -27.5799

Monochromacy



Original Color

72.4940, -6.1595, -31.1282

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3530, -2.1460, -11.7106

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4940, -6.1595, -31.1282 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(37, 93, 60)` looks like.

```
.text, #text, p{  
    color:rgb(37, 93, 60)  
}
```

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(37, 93, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 93, 60) }
```

Border

The CSS property to change the border of an element to YUV 72.4940, -6.1595, -31.1282 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(37, 93, 60) }
```


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

```
.border{ border-color:rgb(37, 93, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 93, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 93, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 93, 60);  
box-shadow:4px 4px 4px 4px rgb(37, 93, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.4940, -6.1595, -31.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 93, 60) }
```

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

```
.background{ background-color: rgb(37, 93,  
60) }
```

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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