

Converting Colors

YUV(96.5660, -42.1840, -3.1274)

Have a look what the booklet for
YUV(96.5660, -42.1840, -3.1274)
contains.

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Color

**YUV(96.5660, -42.1840,
-3.1274)**

Conversions

Conversions Part 1

Format	Color
Hex	5D730B
RGB	93, 115, 11
RGB Percent	36%, 45%, 4%
CMY	0.6353, 0.5490, 0.9569
CMYK	0.19, 0.00, 0.90, 0.55
HSL	73°, 83%, 25%
HSV	73°, 90%, 45%
XYZ	10.7053, 14.6128, 2.5729
YIQ	96.5660, 20.2720, -37.0080

Conversions

Conversions Part 2

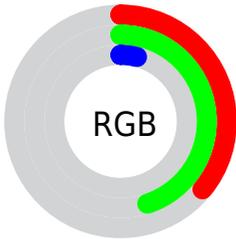
Format	Color
RYB	11, 115, 33
Decimal	6124299
CIELab	45.10, -21.89, 47.95
CIELCh	45, 52.712, 114.539
Yxy	14.6128, 0.3838, 0.5239
Android (android.graphics.Color)	4284314379 (0xFF5D730B)
YUV	96.5660, -42.1840, -3.1274
Hunter-Lab	38.2267, -16.9079, 22.7680

Details

The YUV color **96.5660, -42.1840, -3.1274** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **29.4340, 42.1840, 3.1274**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3210, -40.5843, -2.9125**, and **52.1860, -25.7277, -8.0561** is the 20% darker color. If you saturate the color by 10%, you get **94.7140, -46.6940, -3.2572**, and if you desaturate by 10%, it is **98.4180, -37.6741, -2.9976**.

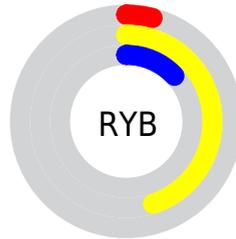
Distribution



Red (36%)

Green (45%)

Blue (4%)



Red (4%)

Yellow (45%)

Blue (13%)

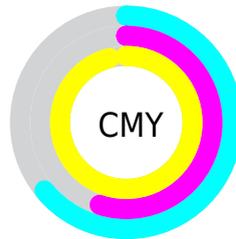


Cyan (19%)

Magenta (0%)

Yellow (90%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5660, -42.1840, -3.1274 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 96.5660, -42.1840, -3.1274 by changing the saturation by 10% instead.

■ 96.5660, -42.1840,
-3.1274

■ 96.5660, -42.1840,
-3.1274

■ 255.0000, 0.0000,
0.0000

■ 72.8630, -35.9215,
-5.1419

■ 149.3210,
-40.5843, -2.9125

■ 52.1860, -25.7277,
-8.0561

■ 176.5060,
-41.1685, -2.1978

■ 31.1990, -15.3811,
-13.3295

■ 204.2780,
-42.0421, -1.9978

■ 15.2620, -7.5242,
-13.3848

■ 233.0500,
-42.9157, -1.7979

■ 0.0000, 0.0000,
0.0000

■ 245.6520,
-35.8174, 8.1982

■ 248.8440,

-23.5871, 5.3988

■ 252.1500,
-10.9200, 2.4994

■ 96.5660, -42.1840,
-3.1274

■ 96.5660, -42.1840,
-3.1274

■ 94.7140, -46.6940,
-3.2572

■ 98.4180, -37.6741,
-2.9976

■ 100.6830,
-32.8747, -2.3530

■ 102.5350,
-28.3648, -2.2232

■ 104.8000,
-23.5654, -1.5786

■ 106.6520,
-19.0554, -1.4488

■ 108.9170,
-14.2561, -0.8042

■ 110.8830, -9.3093,
-0.7744

■ 112.7350, -4.7994,
-0.6446

■ 114.8860, -0.4368,
0.1000

Harmonies

Analogous

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



100.2390, -49.4178, 30.4854



96.5660, -42.1840, -3.1274



86.2020, -16.8616, -51.9202

Triad

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



96.5660, -42.1840, -3.1274



92.4930, 42.1550, -81.1164



104.4380, 6.1931, 67.1449

Complementary

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



96.5660, -42.1840, -3.1274



29.4340, 42.1840, 3.1274

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.



109.2460, 24.0357, 37.4953



96.5660, -42.1840, -3.1274



89.1480, 52.1850, -78.1828

Square

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



96.5660, -42.1840, -3.1274



90.7370, 25.2727, -79.5763



106.3410, 39.7649, -14.3311



102.0800, -14.3364, 71.8438

Rectangle

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



96.5660, -42.1840, -3.1274



83.3100, -0.6458, -73.0629



106.3410, 39.7649, -14.3311



105.7020, 12.4719, 59.8973

Sweetspot

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



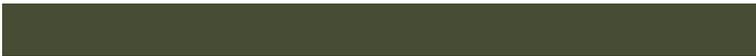
96.5660, -42.1840, -3.1274



143.0480, -16.2927, -0.9191



54.4230, -21.4075, 53.1260



72.3560, -10.0355, -1.1892



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



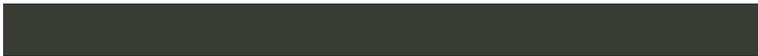
96.5660, -42.1840, -3.1274



123.6310, -60.9501, -4.0614



81.3170, -34.6663, -34.4810



57.7180, -2.3260, -0.6297



100.6170, -49.6042, -3.1721



205.6530, -101.3869, -7.5887

Inverse Universe

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



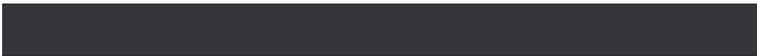
29.4340, 42.1840, 3.1274



26.6680, 60.8027, 4.6762



44.6830, 34.6663, 34.4810



53.9830, 2.4734, 0.0149



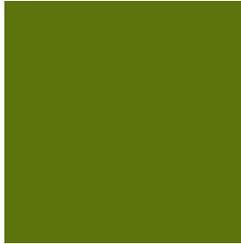
21.6820, 49.4568, 3.7869



44.3470, 101.3869, 7.5887

Previews

White Background



This preview shows how the YUV color 96.5660, -42.1840, -3.1274 looks on a white background.

Color Contrast Check

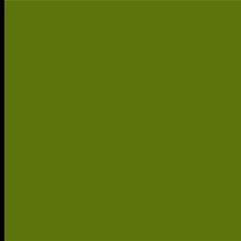
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.5660, -42.1840, -3.1274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

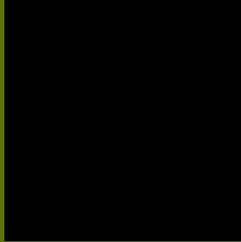
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5660, -42.1840, -3.1274

Background



This preview shows how black text looks on a background with the YUV color 96.5660, -42.1840, -3.1274.



This preview shows how white text looks on a background with the YUV color 96.5660, -42.1840,

-3.1274.

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

96.5660, -42.1840, -3.1274

Protanopia

99.4870, -45.5961, 17.9899

Deuteranopia

101.9750, -38.9347, 28.0859



Tritanopia

106.4170, 4.2314, -3.8737

Trichromacy



Original Color

96.5660, -42.1840, -3.1274

Protanomaly

98.3720, -44.5534, 10.1978

Deuteranomaly

99.9690, -39.9177, 16.6902

Tritanomaly

102.9490, -12.7929, -3.4633

Monochromacy



Original Color

96.5660, -42.1840, -3.1274

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2760, -15.4191, -1.1191

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5660, -42.1840, -3.1274 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(93, 115, 11)` looks like.

```
.text, #text, p{  
    color:rgb(93, 115, 11)  
}
```

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(93, 115, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 115, 11) }
```

Border

The CSS property to change the border of an element to YUV 96.5660, -42.1840, -3.1274 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(93, 115, 11) }
```

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

```
.border{ border-color:rgb(93, 115, 11) }
```

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

Here you see how a box with a 4 pixel rgb(93, 115, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 115, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 115, 11);  
box-shadow:4px 4px 4px 4px rgb(93, 115,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 96.5660, -42.1840, -3.1274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 115, 11) }
```

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

```
.background{ background-color: rgb(93, 115,  
11) }
```

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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