

Converting Colors

YUV(146.3010, -40.0814,
22.5380)

Have a look what the booklet for
YUV(146.3010, -40.0814, 22.5380)
contains.

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Color

**YUV(146.3010, -40.0814,
22.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9541
RGB	172, 149, 65
RGB Percent	67%, 58%, 25%
CMY	0.3255, 0.4157, 0.7451
CMYK	0.00, 0.13, 0.62, 0.33
HSL	47°, 45%, 46%
HSV	47°, 62%, 67%
XYZ	28.7148, 30.6472, 9.4031
YIQ	146.3010, 40.6720, -21.2480

Conversions

Conversions Part 2

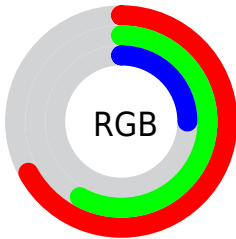
Format	Color
R_{YB}	94, 172, 65
Decimal	11310401
CIE _{Lab}	62.21, -1.61, 46.44
CIE _{LCh}	62, 46.467, 91.981
Yxy	30.6472, 0.4176, 0.4457
Android (android.graphics.Color)	4289500481 (0xFFAC9541)
YUV	146.3010, -40.0814, 22.5380
Hunter-Lab	55.3599, -4.2930, 28.6813

Details

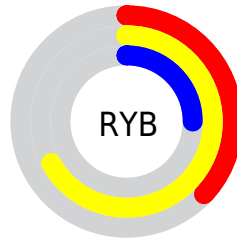
The YUV color **146.3010, -40.0814, 22.5380** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **90.6990, 40.0814, -22.5380**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1550, -41.9814, 25.2971**, and **94.3500, -41.0916, 19.8640** is the 20% darker color. If you saturate the color by 10%, you get **142.0150, -46.3494, 26.2968**, and if you desaturate by 10%, it is **150.5870, -33.8134, 18.7792**.

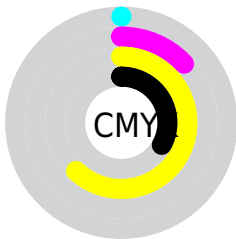
Distribution



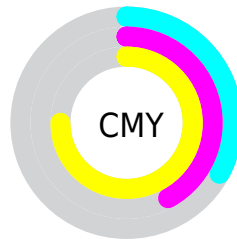
- Red (67%)
- Green (58%)
- Blue (25%)



- Red (37%)
- Yellow (67%)
- Blue (25%)



- Cyan (0%)
- Magenta (13%)
- Yellow (62%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3010, -40.0814, 22.5380 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 146.3010, -40.0814, 22.5380 by changing the saturation by 10% instead.

■ 146.3010,
-40.0814, 22.5380

■ 146.3010,
-40.0814, 22.5380

■ 255.0000, 0.0000,
0.0000

■ 119.8170,
-39.3498, 21.2085

■ 201.1550,
-41.9814, 25.2971

■ 94.3500, -41.0916,
19.8640

■ 228.1440,
-41.9760, 23.5527

■ 70.9350, -34.9710,
16.7200

■ 245.3100,
-37.1278, 8.4981

■ 50.2470, -24.7718,
12.0614

■ 248.3880,
-25.3343, 5.7987

■ 30.4450, -15.0094,
7.5027

■ 251.6940,
-12.6671, 2.8994

■ 7.6750, -3.7838,
0.2850

■ 0.0000, 0.0000,

0.0000

■ 146.3010,
-40.0814, 22.5380

■ 146.3010,
-40.0814, 22.5380

■ 142.0150,
-46.3494, 26.2968

■ 150.5870,
-33.8134, 18.7792

■ 138.3160,
-52.9068, 29.5409

■ 154.2860,
-27.2560, 15.5352

■ 133.9160,
-59.6116, 33.3997

■ 158.6860,
-20.5512, 11.6764

■ 130.6730,
-64.4218, 36.2438

■ 162.9720,
-14.2832, 7.9176

■ 166.6710, -7.7258,
4.6735

■ 170.9570, -1.4578,
0.9147

■ 175.2430, 4.8102,
-2.8441

■ 179.6430, 11.5150,
-6.7029

■ 183.3420, 18.0724,
-9.9469

Harmonies

Analogous

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



148.8450, -34.9266, 49.2479



146.3010, -40.0814, 22.5380



142.2690, -31.6846, -10.7599

Triad

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



146.3010, -40.0814, 22.5380



121.7920, 35.1055, -106.8116



154.5580, 17.4729, 42.4836

Complementary

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



146.3010, -40.0814, 22.5380



90.6990, 40.0814, -22.5380

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.



153.0290, 33.0167, 3.4826



146.3010, -40.0814, 22.5380



122.1630, 49.2196, -107.1370

Square

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



146.3010, -40.0814, 22.5380



117.7050, 16.9074, -103.2273



141.1790, 45.2678, -52.7770



152.0650, -1.5110, 64.8410

Rectangle

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



146.3010, -40.0814, 22.5380



137.3180, -19.3838, -36.2359



141.1790, 45.2678, -52.7770



155.2730, 23.0364, 31.3326

Sweetspot

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



146.3010, -40.0814, 22.5380



213.9290, -15.7410, 8.8323



99.6150, -5.7262, 63.4816



106.1010, -9.9098, 5.1734



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



146.3010, -40.0814, 22.5380



183.7160, -62.9640, 35.3291



150.8320, -42.3152, -7.7457



84.8000, -3.3524, 1.9294



114.1160, -56.2592, 31.4703



17.4430, -8.5994, 4.8735

Inverse Universe

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



90.6990, 40.0814, -22.5380



96.2840, 62.9640, -35.3291



86.1680, 42.3152, 7.7457



80.2000, 3.3524, -1.9294



35.8840, 56.2592, -31.4703



5.5570, 8.5994, -4.8735

Previews

White Background



This preview shows how the YUV color 146.3010, -40.0814, 22.5380 looks on a white 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

Black Background



This preview shows how the YUV color 146.3010, -40.0814, 22.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

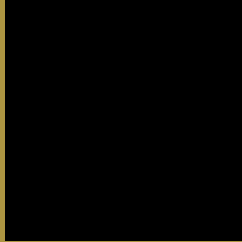
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.3010, -40.0814, 22.5380

Background



This preview shows how black text looks on a background with the YUV color 146.3010, -40.0814, 22.5380.



This preview shows how white text looks on a background with the YUV color 146.3010, -40.0814, 22.5380.

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

146.3010, -40.0814, 22.5380

Protanopia

146.0940, -39.4863, 18.3346

Deuteranopia

147.1930, -39.5351, 34.0337



Tritanopia

152.9150, -0.9441, 22.8765

Trichromacy



Original Color

146.3010, -40.0814, 22.5380

Protanomaly

146.1050, -39.4918, 20.0789

Deuteranomaly

146.7580, -39.8137, 30.0302

Tritanomaly

150.2450, -14.9108, 22.5871

Monochromacy



Original Color

146.3010, -40.0814, 22.5380

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9720, -14.2832, 7.9176

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3010, -40.0814, 22.5380 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(172, 149, 65)` looks like.

```
.text, #text, p{  
    color:rgb(172, 149, 65)  
}
```

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(172, 149, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 149, 65) }
```

Border

The CSS property to change the border of an element to YUV 146.3010, -40.0814, 22.5380 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(172, 149, 65) }
```


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

```
.border{ border-color:rgb(172, 149, 65) }
```

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

Here you see how a box with a 4 pixel rgb(172, 149, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 149, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 149, 65);  
box-shadow:4px 4px 4px 4px rgb(172, 149,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 146.3010, -40.0814, 22.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 149, 65) }
```

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

```
.background{ background-color: rgb(172,  
149, 65) }
```

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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