

Converting Colors

YUV(142.4060, -36.1892,
-12.6341)

Have a look what the booklet for
YUV(142.4060, -36.1892, -12.6341)
contains.

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Color

**YUV(142.4060, -36.1892,
-12.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	80A445
RGB	128, 164, 69
RGB Percent	50%, 64%, 27%
CMY	0.4980, 0.3569, 0.7294
CMYK	0.22, 0.00, 0.58, 0.36
HSL	83°, 41%, 46%
HSV	83°, 58%, 64%
XYZ	23.2517, 31.5698, 10.4983
YIQ	142.4060, 9.0390, -37.1770

Conversions

Conversions Part 2

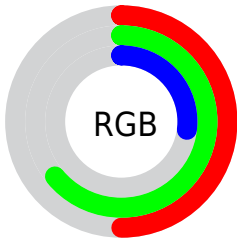
Format	Color
RYB	69, 164, 105
Decimal	8430661
CIELab	62.99, -27.75, 44.47
CIElCh	63, 52.417, 121.959
Yxy	31.5698, 0.3560, 0.4833
Android (android.graphics.Color)	4286620741 (0xFF80A445)
YUV	142.4060, -36.1892, -12.6341
Hunter-Lab	56.1870, -24.4590, 28.2528

Details

The YUV color **142.4060, -36.1892, -12.6341** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **90.5940, 36.1892, 12.6341**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.9500, -37.9363, -12.2341**, and **90.2920, -36.6260, -12.5341** is the 20% darker color. If you saturate the color by 10%, you get **138.7880, -42.2935, -14.7231**, and if you desaturate by 10%, it is **146.0240, -30.0848, -10.5450**.

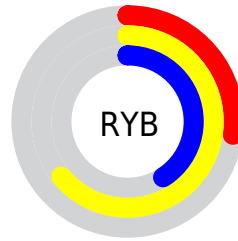
Distribution



Red (50%)

Green (64%)

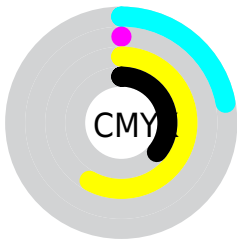
Blue (27%)



Red (27%)

Yellow (64%)

Blue (41%)

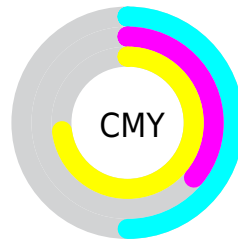


Cyan (22%)

Magenta (0%)

Yellow (58%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.4060, -36.1892, -12.6341 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 142.4060, -36.1892, -12.6341 by changing the saturation by 10% instead.

■ 142.4060,
-36.1892, -12.6341

■ 142.4060,
-36.1892, -12.6341

■ 255.0000, 0.0000,
0.0000

■ 116.5200,
-35.7524, -12.7340

■ 196.9500,
-37.9363, -12.2341

■ 90.2920, -36.6260,
-12.5341

■ 225.4230,
-38.6625, -12.6490

■ 66.0190, -32.5474,
-14.0487

■ 241.2810,
-33.1695, -1.1234

■ 45.0430, -22.2062,
-17.5777

■ 248.9580,
-23.1503, 5.2988

■ 24.0670, -11.8650,
-21.1068

■ 252.2640,
-10.4832, 2.3995

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,

0.0000

■ 142.4060,
-36.1892, -12.6341

■ 142.4060,
-36.1892, -12.6341

■ 138.7880,
-42.2935, -14.7231

■ 146.0240,
-30.0848, -10.5450

■ 135.0560,
-48.8346, -16.7121

■ 149.7560,
-23.5437, -8.5560

■ 131.1390,
-54.7915, -19.4159

■ 153.6730,
-17.5868, -5.8522

■ 127.4070,
-61.3327, -21.4049

■ 157.4050,
-11.0457, -3.8632

■ 126.7660,
-62.4956, -21.7198

■ 161.0230, -4.9413,
-1.7742

■ 164.6410, 1.1630,
0.3148

■ 168.6720, 7.5567,
2.9187

■ 172.2900, 13.6610,
5.0077

■ 176.0220, 20.2022,
6.9967

Harmonies

Analogous

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



147.4170, -46.0546, 25.0673



142.4060, -36.1892, -12.6341



131.7000, -12.1771, -61.1269

Triad

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



142.4060, -36.1892, -12.6341



125.8790, 53.3037, -110.3959



153.2340, -1.1014, 73.4628

Complementary

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



142.4060, -36.1892, -12.6341



90.5940, 36.1892, 12.6341

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.



156.8730, 19.7826, 48.3464



142.4060, -36.1892, -12.6341



138.0400, 52.7313, -66.6871

Square

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



142.4060, -36.1892, -12.6341



125.5250, 36.7162, -110.0854



155.5820, 37.6741, 2.9976



151.0280, -22.1988, 73.6434

Rectangle

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



142.4060, -36.1892, -12.6341



118.4570, 9.6347, -103.8868



155.5820, 37.6741, 2.9976



154.4380, 6.1931, 67.1449

Sweetspot

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



142.4060, -36.1892, -12.6341



205.7100, -13.6610, -5.0077



117.9500, -24.1324, 40.3858



102.2140, -7.9935, -2.8187



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



142.4060, -36.1892, -12.6341



179.8570, -57.1175, -20.0456



128.6520, -29.4084, -40.9138



80.0770, -3.4890, -0.9445



112.0250, -55.2283, -19.3159



13.8550, -6.8305, -2.5038

Inverse Universe

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



90.5940, 36.1892, 12.6341



98.1430, 57.1175, 20.0456



104.3480, 29.4084, 40.9138



75.2220, 3.3416, 1.5593



32.9750, 55.2283, 19.3159



4.1450, 6.8305, 2.5038

Previews

White Background



This preview shows how the YUV color 142.4060, -36.1892, -12.6341 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 142.4060, -36.1892, -12.6341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

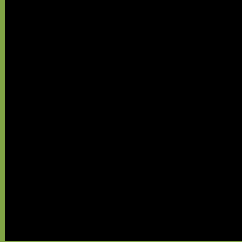
Any Text WCAG AA ✓ Pass

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 142.4060, -36.1892, -12.6341 Background



This preview shows how black text looks on a background with the YUV color 142.4060, -36.1892, -12.6341.



This preview shows how white text looks on a background with the YUV color 142.4060, -36.1892, -12.6341.

-12.6341.

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

142.4060, -36.1892, -12.6341

Protanopia

147.1650, -40.5073, 19.1493

Deuteranopia

149.4640, -37.2038, 32.9191



Tritanopia

151.1820, 7.3053, -9.8066

Trichromacy



Original Color

142.4060, -36.1892, -12.6341

Protanomaly

145.1420, -39.0170, 7.7685

Deuteranomaly

147.0660, -37.0075, 16.6051

Tritanomaly

148.3440, -8.5506, -10.8257

Monochromacy



Original Color

142.4060, -36.1892, -12.6341

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1230, -13.3716, -4.4929

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4060, -36.1892, -12.6341 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(128, 164, 69)` looks like.

```
.text, #text, p{  
    color:rgb(128, 164, 69)  
}
```

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(128, 164, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 164, 69) }
```

Border

The CSS property to change the border of an element to YUV 142.4060, -36.1892, -12.6341 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(128, 164, 69) }
```


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

```
.border{ border-color:rgb(128, 164, 69) }
```

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

Here you see how a box with a 4 pixel rgb(128, 164, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 164, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 164, 69);  
box-shadow:4px 4px 4px 4px rgb(128, 164,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 142.4060, -36.1892, -12.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 164, 69) }
```

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

```
.background{ background-color: rgb(128,  
164, 69) }
```

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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