

Converting Colors

YUV(146.6100, -49.1077,
-22.4600)

Have a look what the booklet for
YUV(146.6100, -49.1077, -22.4600)
contains.

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Color

**YUV(146.6100, -49.1077,
-22.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	79B32F
RGB	121, 179, 47
RGB Percent	47%, 70%, 18%
CMY	0.5255, 0.2980, 0.8157
CMYK	0.32, 0.00, 0.74, 0.30
HSL	86°, 58%, 44%
HSV	86°, 74%, 70%
XYZ	24.5183, 36.5104, 8.4443
YIQ	146.6100, 7.8040, -53.3480

Conversions

Conversions Part 2

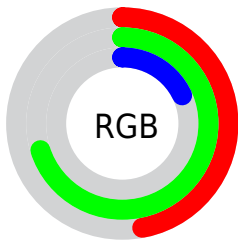
Format	Color
RYB	47, 179, 105
Decimal	7975727
CIELab	66.91, -39.07, 57.66
CIElCh	67, 69.648, 124.126
Yxy	36.5104, 0.3529, 0.5255
Android (android.graphics.Color)	4286165807 (0xFF79B32F)
YUV	146.6100, -49.1077, -22.4600
Hunter-Lab	60.4238, -33.3112, 34.0108

Details

The YUV color **146.6100, -49.1077, -22.4600** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **79.3900, 49.1077, 22.4600**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.4960, -49.5445, -22.3600**, and **93.6960, -46.1921, -24.2894** is the 20% darker color. If you saturate the color by 10%, you get **142.1660, -55.7908, -25.5786**, and if you desaturate by 10%, it is **151.0540, -42.4246, -19.3414**.

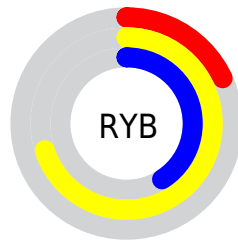
Distribution



Red (47%)

Green (70%)

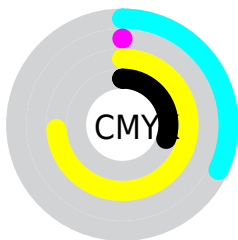
Blue (18%)



Red (18%)

Yellow (70%)

Blue (41%)

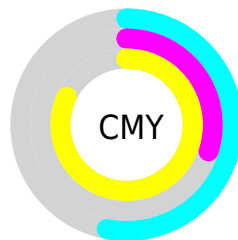


Cyan (32%)

Magenta (0%)

Yellow (74%)

Black (30%)



Cyan (53%)

Magenta (30%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6100, -49.1077, -22.4600 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 146.6100, -49.1077, -22.4600 by changing the saturation by 10% instead.

■ 146.6100,
-49.1077, -22.4600

■ 146.6100,
-49.1077, -22.4600

■ 255.0000, 0.0000,
0.0000

■ 118.2850,
-52.8915, -22.1749

■ 202.4960,
-49.5445, -22.3600

■ 93.6960, -46.1921,
-24.2894

■ 225.9850,
-47.8136, -17.5268

■ 69.7630, -34.3932,
-28.7332

■ 237.8480,
-39.8581, -2.4977

■ 44.6120, -21.9937,
-39.1247

■ 247.0200,
-30.5759, 6.9985

■ 30.5240, -15.0483,
-26.7695

■ 250.2120,
-18.3455, 4.1991

■ 18.7840, -9.2605,
-16.4736

■ 253.5180, -5.6784,

■ 0.0000, 0.0000,

1.2997

0.0000

■ 146.6100,
-49.1077, -22.4600

■ 146.6100,
-49.1077, -22.4600

■ 142.1660,
-55.7908, -25.5786

■ 151.0540,
-42.4246, -19.3414

■ 137.7220,
-62.4739, -28.6972

■ 155.4980,
-35.7415, -16.2227

■ 134.9730,
-66.5417, -30.6713

■ 159.9420,
-29.0584, -13.1041

■ 164.0870,
-22.2279, -10.6003

■ 168.5310,
-15.5448, -7.4817

■ 172.8610, -9.2985,
-4.2631

■ 177.3050, -2.6154,
-1.1445

■ 181.7490, 4.0677,
1.9741

■ 186.1930, 10.7509,
5.0927

Harmonies

Analogous

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



151.7510, -72.8412, 30.0364



146.6100, -49.1077, -22.4600



122.3260, -8.5417, -107.2799

Triad

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



146.6100, -49.1077, -22.4600



137.0780, 58.1355, -120.2174



152.8430, 2.0494, 89.5917

Complementary

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



146.6100, -49.1077, -22.4600



79.3900, 49.1077, 22.4600

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.



165.1390, 26.5535, 70.0381



146.6100, -49.1077, -22.4600



127.0990, 63.0552, -111.4658

Square

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



146.6100, -49.1077, -22.4600



138.5650, 46.0635, -121.5215



164.7490, 44.4937, 8.9901



153.5200, -28.3574, 88.9980

Rectangle

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



146.6100, -49.1077, -22.4600



128.9890, 9.3724, -113.1234



164.7490, 44.4937, 8.9901



156.4110, 10.6434, 86.4626

Sweetspot

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



146.6100, -49.1077, -22.4600



219.6080, -19.0337, -8.4262



119.9270, -35.9530, 51.8070



109.6930, -11.1876, -4.9928



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



146.6100, -49.1077, -22.4600



181.8340, -75.8402, -34.9344



127.1750, -39.5263, -62.4205



86.7780, -3.3416, -1.5593



115.5250, -56.9538, -25.8934



19.4480, -9.5879, -4.7779

Inverse Universe

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



79.3900, 49.1077, 22.4600



78.1660, 75.8402, 34.9344



98.8250, 39.5263, 62.4205



82.2220, 3.3416, 1.5593



37.4750, 56.9538, 25.8934



6.2530, 9.7353, 4.1631

Previews

White Background



This preview shows how the YUV color 146.6100, -49.1077, -22.4600 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 146.6100, -49.1077, -22.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

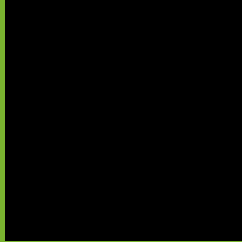
Any Text WCAG AA ✓ Pass

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 146.6100, -49.1077, -22.4600 Background



This preview shows how black text looks on a background with the YUV color 146.6100, -49.1077, -22.4600.



This preview shows how white text looks on a background with the YUV color 146.6100, -49.1077, -22.4600.

-22.4600.

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

146.6100, -49.1077, -22.4600

Protanopia

154.4140, -54.9271, 24.1929

Deuteranopia

157.2940, -49.4449, 39.2072



Tritanopia

159.8110, 9.9532, -19.1282

Trichromacy



Original Color

146.6100, -49.1077, -22.4600

Protanomaly

151.4720, -52.9837, 7.4791

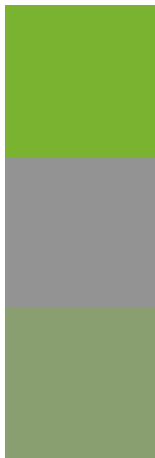
Deuteranomaly

153.4500, -49.5218, 17.1454

Tritanomaly

154.8930, -11.2862, -20.0772

Monochromacy



Original Color

146.6100, -49.1077, -22.4600

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2490, -17.8708, -8.1114

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6100, -49.1077, -22.4600 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(121, 179, 47)` looks like.

```
.text, #text, p{  
    color:rgb(121, 179, 47)  
}
```

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(121, 179, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 179, 47) }
```

Border

The CSS property to change the border of an element to YUV 146.6100, -49.1077, -22.4600 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(121, 179, 47) }
```


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

```
.border{ border-color:rgb(121, 179, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 179, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 179, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 179, 47);  
box-shadow:4px 4px 4px 4px rgb(121, 179,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 146.6100, -49.1077, -22.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 179, 47) }
```

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

```
.background{ background-color: rgb(121,  
179, 47) }
```

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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