

Converting Colors

YUV(30.4490, 42.6696,
-12.6718)

Have a look what the booklet for
YUV(30.4490, 42.6696, -12.6718)
contains.

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Color

**YUV(30.4490, 42.6696,
-12.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	101575
RGB	16, 21, 117
RGB Percent	6%, 8%, 46%
CMY	0.9373, 0.9176, 0.5412
CMYK	0.86, 0.82, 0.00, 0.54
HSL	237°, 76%, 26%
HSV	237°, 86%, 46%
XYZ	3.6927, 1.9308, 17.0077
YIQ	30.4490, -33.7960, 28.7960

Conversions

Conversions Part 2

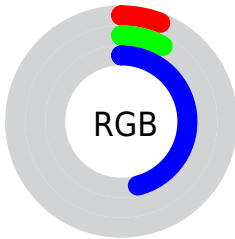
Format	Color
R_{YB}	16, 21, 117
Decimal	1054069
CIE _{Lab}	15.12, 35.21, -54.06
CIE _{LCh}	15, 64.510, 303.077
Yxy	1.9308, 0.1632, 0.0853
Android (android.graphics.Color)	4279244149 (0xFF101575)
YUV	30.4490, 42.6696, -12.6718
Hunter-Lab	13.8955, 23.1194, -62.8425

Details

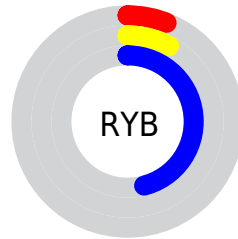
The YUV color **30.4490, 42.6696, -12.6718** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **102.5510, -42.6696, 12.6718**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6400, 43.0685, -0.5613**, and **7.6380, 29.2655, -6.6985** is the 20% darker color. If you saturate the color by 10%, you get **20.4040, 47.6218, -14.3863**, and if you desaturate by 10%, it is **40.4940, 37.7175, -10.9572**.

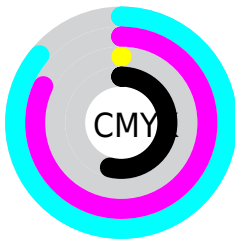
Distribution



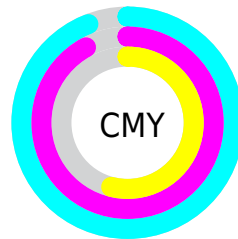
- Red (6%)
- Green (8%)
- Blue (46%)



- Red (6%)
- Yellow (8%)
- Blue (46%)



- Cyan (86%)
- Magenta (82%)
- Yellow (0%)
- Black (54%)



- Cyan (94%)
- Magenta (92%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.4490, 42.6696, -12.6718 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 30.4490, 42.6696, -12.6718 by changing the saturation by 10% instead.

■ 30.4490, 42.6696,
-12.6718

■ 30.4490, 42.6696,
-12.6718

■ 252.6520, 1.1576,
2.0592

■ 10.4880, 40.1854,
-9.1980

■ 82.6400, 43.0685,
-0.5613

■ 7.6380, 29.2655,
-6.6985

■ 107.7050, 44.5154,
2.0127

■ 6.7770, 18.3509,
-5.9434

■ 133.9440, 45.3836,
3.5571

■ 3.0950, 9.3202,
-2.7143

■ 161.1830, 46.2518,
5.1015

■ 0.0000, 0.0000,
0.0000

■ 185.4040, 34.3108,
8.4157


■ 209.9240, 22.2225,


12.3447


 235.3300, 9.6973,
16.3736


 30.4490, 42.6696,
-12.6718


 30.4490, 42.6696,
-12.6718


 20.4040, 47.6218,
-14.3863


 40.4940, 37.7175,
-10.9572

 16.8600, 49.3690,
-14.7862

 50.2400, 32.9127,
-9.8575

 60.2850, 27.9605,
-8.1429

 70.3300, 23.0083,
-6.4284

 80.6630, 17.9141,
-5.8435

■ 90.7080, 12.9620,
-4.1289

■ 100.7530, 8.0098,
-2.4144

■ 110.7980, 3.0576,
-0.6998

■ 120.5440, -1.7472,
0.3999

Harmonies

Analogous

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



41.5770, 45.0715, -36.4630



30.4490, 42.6696, -12.6718



36.3290, 21.5298, 47.9465

Triad

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



30.4490, 42.6696, -12.6718



31.2520, -15.4072, 41.8750



36.4860, 2.7184, -31.9982

Complementary

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



30.4490, 42.6696, -12.6718



102.5510, -42.6696, 12.6718

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.



30.5240, -15.0483, -26.7695



30.4490, 42.6696, -12.6718



35.4620, -17.4828, 7.4878

Square

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



30.4490, 42.6696, -12.6718



30.7970, -15.1829, 63.3220



28.1760, -13.8908, -24.7104



42.3170, 22.5217, -37.1120

Rectangle

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



30.4490, 42.6696, -12.6718



37.8070, 6.5041, 60.6823



28.1760, -13.8908, -24.7104



34.5480, -4.7072, -30.2986

Sweetspot

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



30.4490, 42.6696, -12.6718



118.7340, 16.8931, -5.0287



86.2310, 12.7041, -61.5926



56.3230, 10.1938, -2.9143



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.



30.4490, 42.6696, -12.6718



22.1380, 64.5150, -19.4150



40.9690, 37.4833, 17.5672



53.6840, 2.6208, -0.5999



17.4300, 51.5530, -15.2861



35.5440, 105.7268, -31.1721

Inverse Universe

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



46.7690, -12.7041, 61.5926



46.6590, -19.0589, 93.2611



92.0310, -37.4833, -17.5672



54.7940, -0.8844, 3.6887



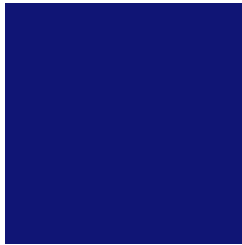
37.1620, -15.3629, 74.4029



76.1180, -31.6102, 152.4945

Previews

White Background



This preview shows how the YUV color 30.4490, 42.6696, -12.6718 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



This preview shows how the YUV color 30.4490, 42.6696, -12.6718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

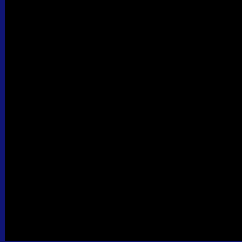
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.4490, 42.6696, -12.6718

Background



This preview shows how black text looks on a background with the YUV color 30.4490, 42.6696, -12.6718.



This preview shows how white text looks on a background with the YUV color 30.4490, 42.6696, -12.6718.

-12.6718.

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

30.4490, 42.6696, -12.6718

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.8190, 17.8372, -27.9053



Tritanopia

31.0720, 7.3595, -27.2501

Trichromacy



Original Color

30.4490, 42.6696, -12.6718

Protanomaly

31.1800, 30.4773, -22.0829

Deuteranomaly

31.5560, 26.8409, -22.4126

Tritanomaly

31.1340, 20.1469, -22.0425

Monochromacy



Original Color

30.4490, 42.6696, -12.6718

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.3920, 15.5827, -4.7288

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.4490, 42.6696, -12.6718 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(16, 21, 117)` looks like.

```
.text, #text, p{  
    color:rgb(16, 21, 117)  
}
```

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(16, 21, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 21, 117) }
```

Border

The CSS property to change the border of an element to YUV 30.4490, 42.6696, -12.6718 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(16, 21, 117) }
```


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

```
.border{ border-color:rgb(16, 21, 117) }
```

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

Here you see how a box with a 4 pixel rgb(16, 21, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 21, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 21, 117);  
box-shadow:4px 4px 4px 4px rgb(16, 21,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 30.4490, 42.6696, -12.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 21, 117) }
```

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

```
.background{ background-color: rgb(16, 21,  
117) }
```

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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