

Converting Colors

YUV(35.6930, 42.5494,
-20.7788)

Have a look what the booklet for
YUV(35.6930, 42.5494, -20.7788)
contains.

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Color

**YUV(35.6930, 42.5494,
-20.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1F7A
RGB	12, 31, 122
RGB Percent	5%, 12%, 48%
CMY	0.9529, 0.8784, 0.5216
CMYK	0.90, 0.75, 0.00, 0.52
HSL	230°, 82%, 26%
HSV	230°, 90%, 48%
XYZ	4.1545, 2.4633, 18.6688
YIQ	35.6930, -40.5350, 24.2730

Conversions

Conversions Part 2

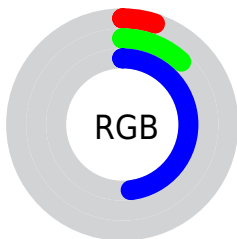
Format	Color
R_{YB}	12, 28, 122
Decimal	794490
CIE _{Lab}	17.75, 30.65, -52.92
CIE _{LCh}	18, 61.150, 300.077
Yxy	2.4633, 0.1643, 0.0974
Android (android.graphics.Color)	4278984570 (0xFF0C1F7A)
YUV	35.6930, 42.5494, -20.7788
Hunter-Lab	15.6948, 19.7834, -59.5385

Details

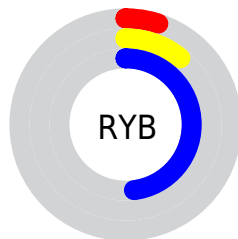
The YUV color **35.6930, 42.5494, -20.7788** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **98.3070, -42.5494, 20.7788**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.1940, 42.7954, -6.3091**, and **8.2080, 31.4495, -7.1984** is the 20% darker color. If you saturate the color by 10%, you get **26.2350, 47.2121, -23.0081**, and if you desaturate by 10%, it is **45.1510, 37.8866, -18.5494**.

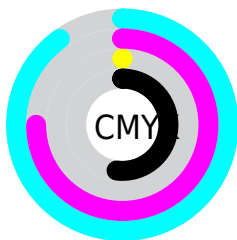
Distribution



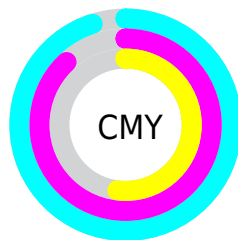
- Red (5%)
- Green (12%)
- Blue (48%)



- Red (5%)
- Yellow (11%)
- Blue (48%)



- Cyan (90%)
- Magenta (75%)
- Yellow (0%)
- Black (52%)



- Cyan (95%)
- Magenta (88%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.6930, 42.5494, -20.7788 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 35.6930, 42.5494, -20.7788 by changing the saturation by 10% instead.

■ 35.6930, 42.5494,
-20.7788

■ 35.6930, 42.5494,
-20.7788

■ 255.0000, 0.0000,
0.0000

■ 17.4010, 38.7493,
-15.2607

■ 88.1940, 42.7954,
-6.3091

■ 8.2080, 31.4495,
-7.1984

■ 113.8460, 43.9529,
-4.2499

■ 7.8200, 19.8087,
-6.8581

■ 140.1990, 45.2579,
-2.8055

■ 3.6650, 11.5042,
-3.2142

■ 166.7540, 43.5053,
-0.6613

■ 0.0000, 0.0000,
0.0000

■ 191.2740, 31.4169,
3.2677

■ 216.3810, 19.0392,

6.6819

241.4880, 6.6614,
10.0960

35.6930, 42.5494,
-20.7788

35.6930, 42.5494,
-20.7788

26.2350, 47.2121,
-23.0081

45.1510, 37.8866,
-18.5494

54.6090, 33.2238,
-16.3201

64.3660, 28.4136,
-13.4760

73.8240, 23.7508,
-11.2466

83.2820, 19.0880,
-9.0173

■ 93.3270, 14.1358,
-7.3028

■ 102.7850, 9.4730,
-5.0734

■ 112.5420, 4.6628,
-2.2293

■ 122.0000, 0.0000,
0.0000

Harmonies

Analogous

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



45.3270, 44.2088, -39.7518



35.6930, 42.5494, -20.7788



37.5400, 24.8768, 47.7614

Triad

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



35.6930, 42.5494, -20.7788



36.5790, -18.0334, 44.2192



39.5350, 1.7082, -34.6722

Complementary

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



35.6930, 42.5494, -20.7788



98.3070, -42.5494, 20.7788

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.



33.4590, -16.4953, -29.3435



35.6930, 42.5494, -20.7788



41.0990, -20.2618, 12.1912

Square

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



35.6930, 42.5494, -20.7788



32.8900, -16.2148, 67.6255



31.1110, -15.3377, -27.2843



45.1380, 20.6380, -39.5860

Rectangle

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



35.6930, 42.5494, -20.7788



39.7300, 9.9931, 61.6268



31.1110, -15.3377, -27.2843



37.1240, -4.9911, -32.5577

Sweetspot

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



35.6930, 42.5494, -20.7788



124.5980, 16.4672, -8.4174



86.8300, 7.4788, -65.6259



59.1980, 9.7624, -4.5586



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



35.6930, 42.5494, -20.7788



33.8610, 61.2005, -29.6961



35.0050, 42.8885, 10.5196



56.2710, 2.3314, -1.1147



27.1640, 48.2331, -23.8228



54.5560, 97.3399, -47.8456

Inverse Universe

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



47.0560, -7.9156, 65.7259



50.3200, -11.4968, 94.4354



98.9950, -42.8885, -10.5196



56.9080, -0.4476, 3.5887



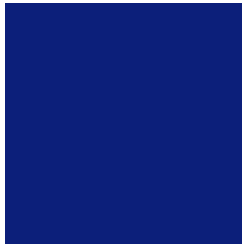
39.8830, -8.8163, 74.6476



80.3640, -17.9275, 150.5248

Previews

White Background



This preview shows how the YUV color 35.6930, 42.5494, -20.7788 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 35.6930, 42.5494, -20.7788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

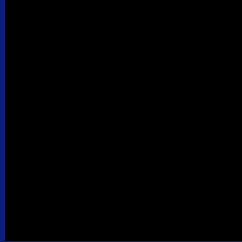
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.6930, 42.5494, -20.7788

Background



This preview shows how black text looks on a background with the YUV color 35.6930, 42.5494, -20.7788.



This preview shows how white text looks on a background with the YUV color 35.6930, 42.5494,

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

35.6930, 42.5494, -20.7788

Protanopia

35.5010, 26.8680, -31.1344

Deuteranopia

35.7800, 20.3215, -31.3791



Tritanopia

34.6910, 8.5333, -30.4240

Trichromacy



Original Color

35.6930, 42.5494, -20.7788

Protanomaly

35.7170, 32.6775, -27.8158

Deuteranomaly

35.8650, 28.1676, -27.9456

Tritanomaly

34.6280, 20.8894, -26.8608

Monochromacy



Original Color

35.6930, 42.5494, -20.7788

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.6690, 15.4462, -7.6027

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.6930, 42.5494, -20.7788 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(12, 31, 122)` looks like.

```
.text, #text, p{  
    color:rgb(12, 31, 122)  
}
```

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(12, 31, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 31, 122) }
```

Border

The CSS property to change the border of an element to YUV 35.6930, 42.5494, -20.7788 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(12, 31, 122) }
```


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

```
.border{ border-color:rgb(12, 31, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 31, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 31, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 31, 122);  
box-shadow:4px 4px 4px 4px rgb(12, 31,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 35.6930, 42.5494, -20.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 31, 122) }
```

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

```
.background{ background-color: rgb(12, 31,  
122) }
```

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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