

Converting Colors

YUV(67.7990, 92.2901,
-14.7327)

Have a look what the booklet for
YUV(67.7990, 92.2901, -14.7327)
contains.

YUV(67.7990, 92.2901, -14.7327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.7990, 92.2901,
-14.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	3328FF
RGB	51, 40, 255
RGB Percent	20%, 16%, 100%
CMY	0.8000, 0.8431, 0.0000
CMYK	0.80, 0.84, 0.00, 0.00
HSL	243°, 100%, 58%
HSV	243°, 84%, 100%
XYZ	20.1740, 9.4414, 95.3668
YIQ	67.7990, -62.4590, 69.1970

Conversions

Conversions Part 2

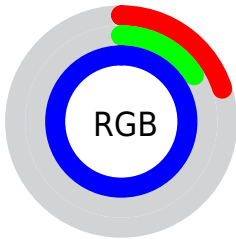
Format	Color
R _Y B	51, 40, 255
Decimal	3352831
CIE Lab	36.82, 70.58, -100.29
CIE LCh	37, 122.633, 305.137
Yxy	9.4414, 0.1614, 0.0755
Android (android.graphics.Color)	4281542911 (0xFF3328FF)
YUV	67.7990, 92.2901, -14.7327
Hunter-Lab	30.7268, 63.4241, -162.5094

Details

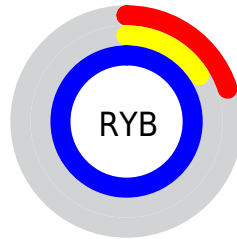
The YUV color **67.7990, 92.2901, -14.7327** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **227.2010, -92.2901, 14.7327**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7270, 64.7176, 9.0094**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **45.9480, 103.0626, -16.6174**, and if you desaturate by 10%, it is **90.2370, 81.2282, -13.3628**.

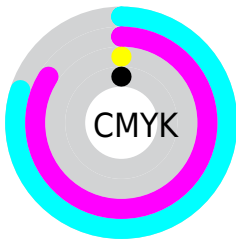
Distribution



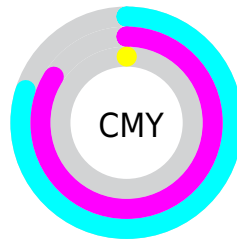
- Red (20%)
- Green (16%)
- Blue (100%)



- Red (20%)
- Yellow (16%)
- Blue (100%)



- Cyan (80%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7990, 92.2901, -14.7327 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 67.7990, 92.2901, -14.7327 by changing the saturation by 10% instead.

■ 67.7990, 92.2901,
-14.7327

■ 67.7990, 92.2901,
-14.7327

255.0000, 0.0000,
0.0000

■ 29.1720, 96.5432,
-25.5838

■ 123.7270, 64.7176,
9.0094

■ 22.3440, 85.6124,
-19.5957

■ 149.7420, 51.8922,
16.0123

■ 19.1520, 73.3821,
-16.7963

■ 175.4580, 39.2142,
22.4003

■ 16.0740, 61.5885,
-14.0969

■ 201.7610, 26.2468,
28.2736

■ 19.4530, 46.6117,
-17.0603

■ 224.4760, 15.0483,
26.7695

■ 17.0760, 34.9655,
-14.9757

■ 241.4990, 6.6560,

■ 11.4050, 25.9293,

11.8404

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 67.7990, 92.2901,
-14.7327

■ 67.7990, 92.2901,
-14.7327

■ 45.9480, 103.0626,
-16.6174

■ 90.2370, 81.2282,
-13.3628

■ 32.9570, 109.4672,
-17.5023

■ 112.0880, 70.4556,
-11.4782

■ 134.8250, 59.2463,
-9.4935

■ 156.6760, 48.4737,
-7.6089

■ 179.1140, 37.4118,
-6.2390

■ 200.9650, 26.6393,
-4.3543

■ 223.4030, 15.5773,
-2.9844

■ 245.5530, 4.6574,
-0.4850

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



88.9440, 81.8656, -78.0039



67.7990, 92.2901, -14.7327



81.2020, 44.7634, 109.4478

Triad

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



67.7990, 92.2901, -14.7327



70.7770, -34.8931, 85.2646



79.7200, 10.9840, -69.9144

Complementary

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



67.7990, 92.2901, -14.7327



227.2010, -92.2901, 14.7327

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.



66.3310, -32.7012, -58.1723



67.7990, 92.2901, -14.7327



80.0390, -39.4592, 9.6128

Square

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



67.7990, 92.2901, -14.7327



66.0790, -32.5769, 135.8657



63.3960, -31.2542, -55.5983



92.8810, 53.7957, -81.4566

Rectangle

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



67.7990, 92.2901, -14.7327



82.8760, 12.3861, 134.2897



63.3960, -31.2542, -55.5983



75.1430, -4.0145, -65.9004

Sweetspot

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



67.7990, 92.2901, -14.7327



199.4920, 27.3654, -3.9395



184.2580, 34.8758, -126.5143



94.0440, 16.7403, -2.6696



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



67.7990, 92.2901, -14.7327



32.9570, 109.4672, -17.5023



99.7920, 76.5175, 51.0484



116.4820, 5.6784, -1.2997



24.7640, 81.9543, -12.9480



8.1930, 27.5129, -4.5543

Inverse Universe

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



127.5410, 57.4143, 111.7815



103.8330, 68.1163, 132.5735



195.2080, -76.5175, -51.0484



120.2550, 3.3253, 6.7924



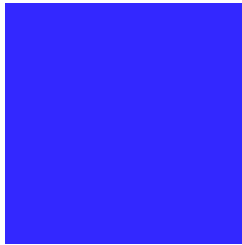
77.7430, 50.9057, 99.3264



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 67.7990, 92.2901, -14.7327 looks on a white background.

Color Contrast Check

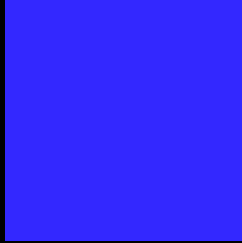
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.7990, 92.2901, -14.7327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

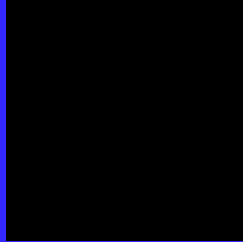
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7990, 92.2901, -14.7327

Background



This preview shows how black text looks on a background with the YUV color 67.7990, 92.2901, -14.7327.



This preview shows how white text looks on a background with the YUV color 67.7990, 92.2901, -14.7327.

-14.7327.

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

67.7990, 92.2901, -14.7327

Protanopia

68.4430, 51.5466, -60.0245

Deuteranopia

68.4140, 38.7429, -59.9991



Tritanopia

67.1650, 16.1877, -58.9037

Trichromacy



Original Color

67.7990, 92.2901, -14.7327

Protanomaly

68.1520, 66.4801, -43.1063

Deuteranomaly

68.5620, 57.8969, -43.4659

Tritanomaly

67.4900, 43.6354, -42.5257

Monochromacy



Original Color

67.7990, 92.2901, -14.7327

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0880, 33.4806, -5.3392

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7990, 92.2901, -14.7327 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(51, 40, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 40, 255)  
}
```

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(51, 40, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 40, 255) }
```

Border

The CSS property to change the border of an element to YUV 67.7990, 92.2901, -14.7327 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(51, 40, 255) }
```


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

```
.border{ border-color:rgb(51, 40, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 40, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 40, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 40, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 40,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 67.7990, 92.2901, -14.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 40, 255) }
```

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

```
.background{ background-color: rgb(51, 40,  
255) }
```

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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