

Converting Colors

YUV(99.0790, -33.5629,
-14.9783)

Have a look what the booklet for
YUV(99.0790, -33.5629, -14.9783)
contains.

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Color

**YUV(99.0790, -33.5629,
-14.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	52791F
RGB	82, 121, 31
RGB Percent	32%, 47%, 12%
CMY	0.6784, 0.5255, 0.8784
CMYK	0.32, 0.00, 0.74, 0.53
HSL	86°, 59%, 30%
HSV	86°, 74%, 47%
XYZ	10.5644, 15.5675, 3.7444
YIQ	99.0790, 5.6460, -36.2580

Conversions

Conversions Part 2

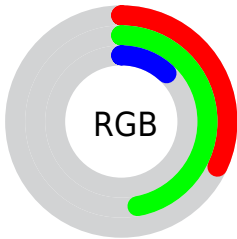
Format	Color
RYB	31, 121, 70
Decimal	5404959
CIELab	46.40, -28.57, 42.55
CIELCh	46, 51.254, 123.880
Yxy	15.5675, 0.3536, 0.5211
Android (android.graphics.Color)	4283595039 (0xFF52791F)
YUV	99.0790, -33.5629, -14.9783
Hunter-Lab	39.4557, -21.2536, 21.9923

Details

The YUV color **99.0790, -33.5629, -14.9783** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **52.9210, 33.5629, 14.9783**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8510, -34.4365, -14.7783**, and **51.8320, -25.5532, -17.3927** is the 20% darker color. If you saturate the color by 10%, you get **96.2160, -38.0675, -16.8524**, and if you desaturate by 10%, it is **101.9420, -29.0584, -13.1041**.

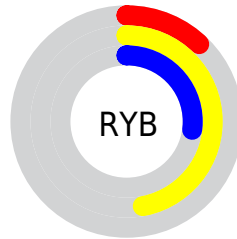
Distribution



Red (32%)

Green (47%)

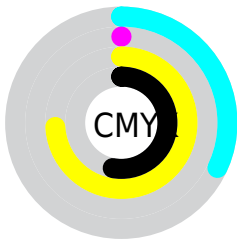
Blue (12%)



Red (12%)

Yellow (47%)

Blue (27%)

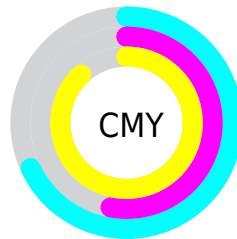


Cyan (32%)

Magenta (0%)

Yellow (74%)

Black (53%)



Cyan (68%)

Magenta (53%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.0790, -33.5629, -14.9783 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 99.0790, -33.5629, -14.9783 by changing the saturation by 10% instead.

■ 99.0790, -33.5629,
-14.9783

■ 99.0790, -33.5629,
-14.9783

255.0000, 0.0000,
0.0000

■ 73.2100, -35.5995,
-15.0932

■ 151.8510,
-34.4365, -14.7783

■ 51.8320, -25.5532,
-17.3927

■ 178.6230,
-35.3101, -14.5784

■ 29.0620, -14.3276,
-24.6104

■ 206.3950,
-36.1837, -14.3784

■ 17.6100, -8.6817,
-15.4440

■ 233.1070,
-36.0418, -13.2488

■ 0.0000, 0.0000,
0.0000

■ 244.9700,
-28.0862, 1.7803

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

99.0790, -33.5629,
-14.9783

99.0790, -33.5629,
-14.9783

96.2160, -38.0675,
-16.8524

101.9420,
-29.0584, -13.1041

93.3530, -42.5720,
-18.7266

104.8050,
-24.5539, -11.2300

91.6580, -45.1874,
-19.8711

107.9670,
-20.1967, -8.7411

110.8300,
-15.6922, -6.8669

113.6930,
-11.1876, -4.9928

■ 116.6700, -6.2463,
-3.2186

■ 119.8320, -1.8892,
-0.7297

■ 122.6950, 2.6154,
1.1445

■ 125.5580, 7.1199,
3.0186

Harmonies

Analogous

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



103.0420, -47.3487, 20.1342



99.0790, -33.5629, -14.9783



82.5290, -6.1768, -72.3779

Triad

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



99.0790, -33.5629, -14.9783



94.1060, 45.7967, -82.5310



107.0270, -0.5063, 69.2593

Complementary

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



99.0790, -33.5629, -14.9783



52.9210, 33.5629, 14.9783

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.



111.8190, 18.3302, 47.5167



99.0790, -33.5629, -14.9783



88.6750, 52.9112, -77.7680

Square

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



99.0790, -33.5629, -14.9783



93.6210, 31.2458, -82.1056



112.3820, 34.3217, 4.9270



106.6250, -21.0141, 66.9809

Rectangle

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



99.0790, -33.5629, -14.9783



87.5960, 5.6222, -76.8217



112.3820, 34.3217, 4.9270



108.7150, 6.0565, 64.2709

Sweetspot

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



99.0790, -33.5629, -14.9783



149.5250, -13.0768, -5.7224



80.8030, -24.5529, 35.2528



73.9150, -7.8461, -3.4335



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.



99.0790, -33.5629, -14.9783



123.6870, -52.5967, -23.4045



86.2220, -27.2244, -41.4137



59.7180, -2.3260, -0.6297



94.6040, -46.6398, -20.7007



190.6810, -94.0057, -41.8162

Inverse Universe

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



52.9210, 33.5629, 14.9783



51.3130, 52.5967, 23.4045



66.3760, 26.9296, 42.6432



56.5810, 2.1786, 1.2445



30.3960, 46.6398, 20.7007



61.3190, 94.0057, 41.8162

Previews

White Background



This preview shows how the YUV color 99.0790, -33.5629, -14.9783 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 × Fail

Black Background



This preview shows how the YUV color 99.0790, -33.5629, -14.9783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

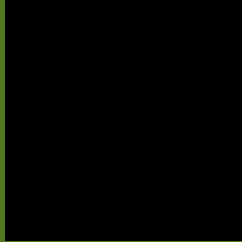
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.0790, -33.5629, -14.9783

Background



This preview shows how black text looks on a background with the YUV color 99.0790, -33.5629, -14.9783.



This preview shows how white text looks on a background with the YUV color 99.0790, -33.5629, -14.9783.

-14.9783.

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

99.0790, -33.5629, -14.9783

Protanopia

104.5390, -37.7337, 16.1903

Deuteranopia

106.3430, -33.6931, 26.8862



Tritanopia

108.3450, 6.7319, -12.5806

Trichromacy



Original Color

99.0790, -33.5629, -14.9783

Protanomaly

102.5160, -36.2434, 4.8095

Deuteranomaly

103.5430, -33.7917, 11.8018

Tritanomaly

105.1480, -7.9610, -13.2848

Monochromacy



Original Color

99.0790, -33.5629, -14.9783

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0520, -12.3506, -5.3076

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.0790, -33.5629, -14.9783 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(82, 121, 31)` looks like.

```
.text, #text, p{  
    color:rgb(82, 121, 31)  
}
```

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(82, 121, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 121, 31) }
```

Border

The CSS property to change the border of an element to YUV 99.0790, -33.5629, -14.9783 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(82, 121, 31) }
```


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

```
.border{ border-color:rgb(82, 121, 31) }
```

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

Here you see how a box with a 4 pixel rgb(82, 121, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 121, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 121, 31);  
box-shadow:4px 4px 4px 4px rgb(82, 121,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 99.0790, -33.5629, -14.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 121, 31) }
```

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

```
.background{ background-color: rgb(82, 121,  
31) }
```

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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