

Converting Colors

YUV(126.9890, 33.5294,
-21.0384)

Have a look what the booklet for
YUV(126.9890, 33.5294, -21.0384)
contains.

YUV(126.9890, 33.5294, -21.0384)	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(126.9890, 33.5294,
-21.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	677EC3
RGB	103, 126, 195
RGB Percent	40%, 49%, 76%
CMY	0.5961, 0.5059, 0.2353
CMYK	0.47, 0.35, 0.00, 0.24
HSL	225°, 43%, 58%
HSV	225°, 47%, 76%
XYZ	22.9047, 21.7454, 54.6198
YIQ	126.9890, -35.8570, 16.5830

Conversions

Conversions Part 2

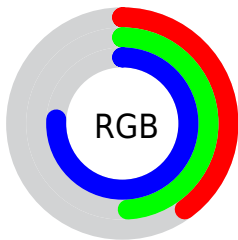
Format	Color
R_{YB}	103, 121, 195
Decimal	6782659
CIE _{Lab}	53.76, 10.48, -38.64
CIE _{LCh}	54, 40.039, 285.166
Y _{xy}	21.7454, 0.2307, 0.2191
Android (android.graphics.Color)	4284972739 (0xFF677EC3)
YUV	126.9890, 33.5294, -21.0384
Hunter-Lab	46.6320, 6.0697, -36.8038

Details

The YUV color **126.9890, 33.5294, -21.0384** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **171.0110, -33.5294, 21.0384**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4560, 35.2712, -19.6939**, and **75.3260, 32.3773, -24.8419** is the 20% darker color. If you saturate the color by 10%, you get **112.5030, 40.6710, -24.9971**, and if you desaturate by 10%, it is **141.4750, 26.3878, -17.0796**.

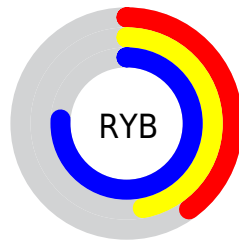
Distribution



Red (40%)

Green (49%)

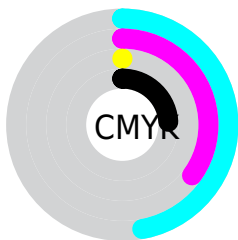
Blue (76%)



Red (40%)

Yellow (47%)

Blue (76%)

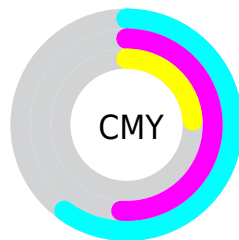


Cyan (47%)

Magenta (35%)

Yellow (0%)

Black (24%)



Cyan (60%)

Magenta (51%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9890, 33.5294, -21.0384 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 126.9890, 33.5294, -21.0384 by changing the saturation by 10% instead.

■ 126.9890, 33.5294,
-21.0384

■ 126.9890, 33.5294,
-21.0384

■ 255.0000, 0.0000,
0.0000

■ 101.1630, 32.9506,
-22.0680

■ 180.4560, 35.2712,
-19.6939

■ 75.3260, 32.3773,
-24.8419

■ 205.6060, 24.3512,
-17.1945

■ 48.0860, 32.9886,
-34.2784

■ 230.7130, 11.9735,
-13.7803

■ 30.2180, 29.4725,
-26.5012

■ 251.7110, 1.6215,
-6.7625

■ 14.5680, 25.3560,
-12.7761

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 126.9890, 33.5294,
-21.0384

■ 126.9890, 33.5294,
-21.0384

■ 112.5030, 40.6710,
-24.9971

■ 141.4750, 26.3878,
-17.0796

■ 98.3050, 47.6706,
-30.0855

■ 155.6730, 19.3882,
-11.9912

■ 83.5200, 54.9596,
-34.6590

■ 170.4580, 12.0992,
-7.4177

■ 69.0340, 62.1012,
-38.6178

■ 184.9440, 4.9576,
-3.4589

■ 55.1350, 68.9534,
-43.0914

■ 199.1420, -2.0420,
1.6295

■ 50.9930, 70.9955,
-44.7209

■ 213.6280, -9.1836,
5.5882

■ 227.8260,
-16.1832, 10.6766

■ 241.1160,
-22.7352, 12.1763

■ 248.1600,
-26.2079, 5.9987

Harmonies

Analogous

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



102.6490, 45.5290, -90.0232



126.9890, 33.5294, -21.0384



132.5550, 21.9114, 18.8073

Triad

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



126.9890, 33.5294, -21.0384



128.2440, -23.2913, 50.6520



108.7180, 0.6320, -62.8967

Complementary

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



126.9890, 33.5294, -21.0384



171.0110, -33.5294, 21.0384

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.



118.8790, -20.1533, -22.6959



126.9890, 33.5294, -21.0384



127.0170, -32.5464, 32.4341

Square

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



126.9890, 33.5294, -21.0384



129.4740, -8.6147, 56.5893



123.6780, -31.8863, 7.2984



102.2320, 21.0846, -89.6575

Rectangle

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



126.9890, 33.5294, -21.0384



132.2710, 12.6844, 38.3503



123.6780, -31.8863, 7.2984



113.6400, -7.7105, -47.0423

Sweetspot

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



126.9890, 33.5294, -21.0384



226.2730, 12.6834, -8.1324



164.8700, 3.5151, -54.2600



111.4430, 8.1626, -4.7735



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.



126.9890, 33.5294, -21.0384



146.4340, 52.0440, -32.8296



120.3650, 36.7951, 4.9419



89.9010, 3.4998, -2.5442



41.8340, 58.7488, -36.6884



8.4580, 12.0992, -7.4177

Inverse Universe

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



133.1300, -3.5151, 54.2600



155.8610, -5.3545, 84.3139



177.6350, -36.7951, -4.9419



90.3320, -0.1637, 5.8478



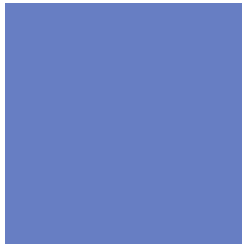
52.6990, -6.2606, 94.9800



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 126.9890, 33.5294, -21.0384 looks on a white background.

Color Contrast Check

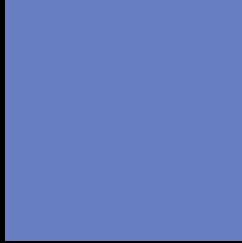
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 126.9890, 33.5294, -21.0384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

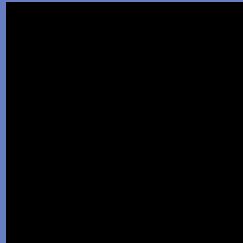
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.9890, 33.5294, -21.0384 Background



This preview shows how black text looks on a background with the YUV color 126.9890, 33.5294, -21.0384.



This preview shows how white text looks on a background with the YUV color 126.9890, 33.5294, -21.0384.

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

126.9890, 33.5294, -21.0384

Protanopia

127.2880, 33.3820, -20.4236

Deuteranopia

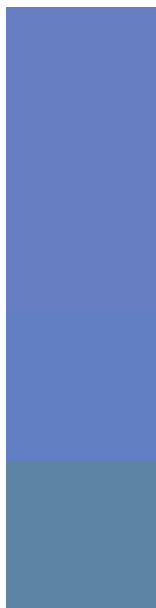
126.0700, 33.9825, -26.3714



Tritanopia

123.2010, 11.7329, -29.9943

Trichromacy



Original Color

126.9890, 33.5294, -21.0384

Protanomaly

127.2880, 33.3820, -20.4236

Deuteranomaly

126.3800, 33.8297, -24.0123

Tritanomaly

124.2860, 19.5790, -26.5608

Monochromacy



Original Color

126.9890, 33.5294, -21.0384

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1590, 12.2466, -8.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9890, 33.5294, -21.0384 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(103, 126, 195)` looks like.

```
.text, #text, p{  
    color:rgb(103, 126, 195)  
}
```

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(103, 126, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 126, 195) }
```

Border

The CSS property to change the border of an element to YUV 126.9890, 33.5294, -21.0384 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(103, 126, 195) }
```


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

```
.border{ border-color:rgb(103, 126, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 126, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 126, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 126, 195);  
box-shadow:4px 4px 4px 4px rgb(103, 126,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 126.9890, 33.5294, -21.0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 126, 195) }
```

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

```
.background{ background-color: rgb(103,  
126, 195) }
```

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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