

Converting Colors

YUV(126.7990, 51.8641,
-21.7487)

Have a look what the booklet for
YUV(126.7990, 51.8641, -21.7487)
contains.

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Color

**YUV(126.7990, 51.8641,
-21.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	6677E8
RGB	102, 119, 232
RGB Percent	40%, 47%, 91%
CMY	0.6000, 0.5333, 0.0902
CMYK	0.56, 0.49, 0.00, 0.09
HSL	232°, 74%, 65%
HSV	232°, 56%, 91%
XYZ	26.6418, 21.8446, 79.1562
YIQ	126.7990, -46.4050, 31.5390

Conversions

Conversions Part 2

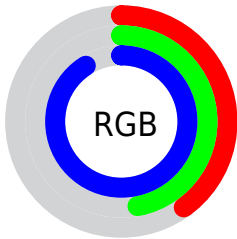
Format	Color
RYB	102, 117, 232
Decimal	6715368
CIELab	53.86, 26.10, -59.38
CIELCh	54, 64.864, 293.723
Yxy	21.8446, 0.2087, 0.1711
Android (android.graphics.Color)	4284905448 (0xFF6677E8)
YUV	126.7990, 51.8641, -21.7487
Hunter-Lab	46.7382, 19.9569, -67.6972

Details

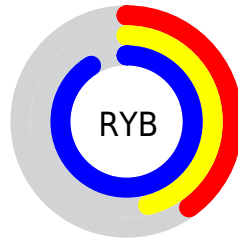
The YUV color **126.7990, 51.8641, -21.7487** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **207.2010, -51.8641, 21.7487**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5860, 38.1651, -14.5459**, and **71.3090, 51.6127, -34.4740** is the 20% darker color. If you saturate the color by 10%, you get **108.1820, 61.0423, -25.5926**, and if you desaturate by 10%, it is **145.4160, 42.6859, -17.9048**.

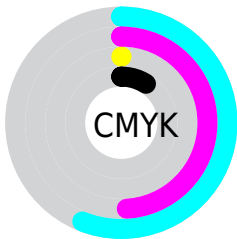
Distribution



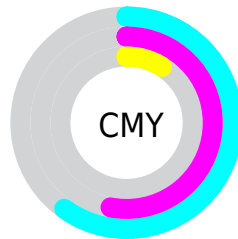
- Red (40%)
- Green (47%)
- Blue (91%)



- Red (40%)
- Yellow (46%)
- Blue (91%)



- Cyan (56%)
- Magenta (49%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (53%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7990, 51.8641, -21.7487 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 126.7990, 51.8641, -21.7487 by changing the saturation by 10% instead.

■ 126.7990, 51.8641,
-21.7487

■ 126.7990, 51.8641,
-21.7487

■ 255.0000, 0.0000,
0.0000

■ 99.5490, 51.0013,
-25.0375

■ 177.5860, 38.1651,
-14.5459

■ 71.3090, 51.6127,
-34.4740

■ 202.4050, 25.9293,
-10.0022

■ 45.6350, 50.4659,
-40.0219

■ 227.8110, 13.4042,
-5.9732

■ 30.9310, 44.8970,
-27.1265

■ 253.8040, 0.5896,
-2.4591

■ 15.6400, 39.6175,
-13.7163

■ 12.9040, 29.1343,
-11.3168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 126.7990, 51.8641,
-21.7487

■ 126.7990, 51.8641,
-21.7487

■ 108.1820, 61.0423,
-25.5926

■ 145.4160, 42.6859,
-17.9048

■ 89.5650, 70.2205,
-29.4365

■ 164.0330, 33.5077,
-14.0609

■ 70.6490, 79.5460,
-33.8952

■ 182.9490, 24.1821,
-9.6023

■ 51.4450, 89.0136,
-37.2243

■ 202.1530, 14.7146,
-6.2732

■ 44.0580, 92.6554,
-38.6389

■ 220.7700, 5.5364,
-2.4293

■ 239.3870, -3.6418,
1.4146

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



109.0670, 65.0430, -95.6518



126.7990, 51.8641, -21.7487



131.3640, 31.8655, 46.1618

Triad

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



126.7990, 51.8641, -21.7487



122.6260, -42.7066, 71.3650



102.9210, 5.9549, -90.2617

Complementary

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



126.7990, 51.8641, -21.7487



207.2010, -51.8641, 21.7487

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.



99.6420, -21.0225, -70.7230



126.7990, 51.8641, -21.7487



120.9490, -59.6279, 38.6327

Square

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



126.7990, 51.8641, -21.7487



120.9300, -16.7275, 92.1464



115.0810, -56.7349, -2.7020



110.0060, 30.5630, -96.4753

Rectangle

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



126.7990, 51.8641, -21.7487



126.1800, 17.6593, 76.1411



115.0810, -56.7349, -2.7020



100.0540, -2.4916, -87.7474

Sweetspot

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



126.7990, 51.8641, -21.7487



219.8370, 17.3354, -6.8730



191.1920, 11.7373, -78.2214



106.7250, 10.4886, -4.1438



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.



126.7990, 51.8641, -21.7487



116.4080, 68.3259, -28.4218



131.1720, 49.7082, 16.5122



105.5420, 4.6628, -2.2293



33.9070, 71.5308, -29.7364



9.9230, 20.2510, -8.7025

Inverse Universe

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



142.8080, -11.7373, 78.2214



137.6370, -15.5970, 102.9274



202.8280, -49.7082, -16.5122



106.8160, -0.8953, 7.1774



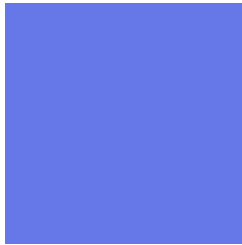
56.1430, -16.3395, 107.7456



16.0470, -4.4602, 30.6538

Previews

White Background



This preview shows how the YUV color 126.7990, 51.8641, -21.7487 looks on a white background.

Color Contrast Check

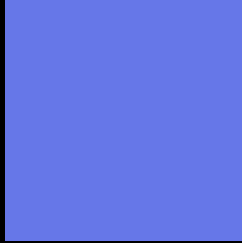
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7990, 51.8641, -21.7487 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 126.7990, 51.8641, -21.7487

Background



This preview shows how black text looks on a background with the YUV color 126.7990, 51.8641, -21.7487.



This preview shows how white text looks on a background with the YUV color 126.7990, 51.8641, -21.7487.

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

126.7990, 51.8641, -21.7487

Protanopia

120.8500, 57.7550, -44.5954

Deuteranopia

111.0870, 58.1311, -71.9903



Tritanopia

119.3350, 15.1178, -42.3898

Trichromacy



Original Color

126.7990, 51.8641, -21.7487

Protanomaly

123.0360, 55.6913, -35.9886

Deuteranomaly

116.9260, 55.7455, -53.4321

Tritanomaly

121.9350, 28.6260, -35.0230

Monochromacy



Original Color

126.7990, 51.8641, -21.7487

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8800, 18.7932, -7.7878

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7990, 51.8641, -21.7487 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(102, 119, 232)` looks like.

```
.text, #text, p{  
    color:rgb(102, 119, 232)  
}
```

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(102, 119, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 119, 232) }
```

Border

The CSS property to change the border of an element to YUV 126.7990, 51.8641, -21.7487 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(102, 119, 232) }
```


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

```
.border{ border-color:rgb(102, 119, 232) }
```

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

Here you see how a box with a 4 pixel rgb(102, 119, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 119, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 119, 232);  
box-shadow:4px 4px 4px 4px rgb(102, 119,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 126.7990, 51.8641, -21.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 119, 232) }
```

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

```
.background{ background-color: rgb(102,  
119, 232) }
```

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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