

Converting Colors

YUV(92.7500, -21.0757, -6.7968)

Have a look what the booklet for
YUV(92.7500, -21.0757, -6.7968)
contains.

YUV(92.7500, -21.0757, -6.7968)	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(92.7500, -21.0757,
-6.7968)**

Conversions

Conversions Part 1

Format	Color
Hex	556932
RGB	85, 105, 50
RGB Percent	33%, 41%, 20%
CMY	0.6667, 0.5882, 0.8039
CMYK	0.19, 0.00, 0.52, 0.59
HSL	82°, 35%, 30%
HSV	82°, 52%, 41%
XYZ	9.3736, 12.2647, 4.8909
YIQ	92.7500, 5.7350, -21.3450

Conversions

Conversions Part 2

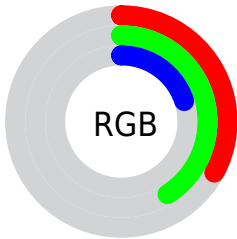
Format	Color
RYB	50, 105, 70
Decimal	5597490
CIELab	41.63, -17.41, 28.27
CIELCh	42, 33.206, 121.629
Yxy	12.2647, 0.3533, 0.4623
Android (android.graphics.Color)	4283787570 (0xFF556932)
YUV	92.7500, -21.0757, -6.7968
Hunter-Lab	35.0210, -13.5101, 16.2345

Details

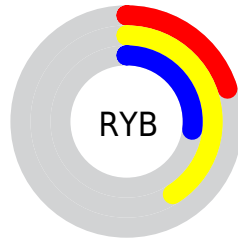
The YUV color **92.7500, -21.0757, -6.7968** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.2500, 21.0757, 6.7968**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4080, -22.3861, -6.4968**, and **45.7500, -21.0757, -6.7968** is the 20% darker color. If you saturate the color by 10%, you get **90.3000, -25.2909, -8.1561**, and if you desaturate by 10%, it is **95.0860, -17.2974, -5.3374**.

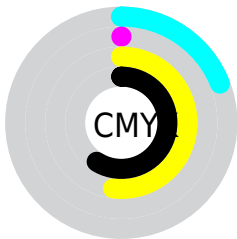
Distribution



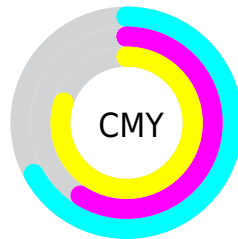
- Red (33%)
- Green (41%)
- Blue (20%)



- Red (20%)
- Yellow (41%)
- Blue (27%)



- Cyan (19%)
- Magenta (0%)
- Yellow (52%)
- Black (59%)



- Cyan (67%)
- Magenta (59%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.7500, -21.0757, -6.7968 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 92.7500, -21.0757, -6.7968 by changing the saturation by 10% instead.

■ 92.7500, -21.0757,
-6.7968

■ 92.7500, -21.0757,
-6.7968

■ 255.0000, 0.0000,
0.0000

■ 68.8640, -20.6390,
-6.8967

■ 143.4080,
-22.3861, -6.4968

■ 45.7500, -21.0757,
-6.7968

■ 170.1800,
-23.2597, -6.2969

■ 25.9160, -12.7766,
-8.6963

■ 197.6530,
-23.9859, -6.7117

■ 6.4570, -3.1833,
-5.6628

■ 225.5390,
-24.4227, -6.6117

■ 0.0000, 0.0000,
0.0000

■ 246.7940,
-21.0974, 0.1807

■ 252.3780,

-10.0464, 2.2995

■ 92.7500, -21.0757,
-6.7968

■ 92.7500, -21.0757,
-6.7968

■ 90.3000, -25.2909,
-8.1561

■ 95.0860, -17.2974,
-5.3374

■ 87.9640, -29.0693,
-9.6154

■ 97.5360, -13.0822,
-3.9781

■ 85.9270, -32.9950,
-10.4600

■ 99.5730, -9.1565,
-3.1335

■ 83.4770, -37.2102,
-11.8193

■ 102.0230, -4.9413,
-1.7742

■ 81.6680, -40.2623,
-12.8638

■ 104.3590, -1.1630,
-0.3148

■ 106.8090, 3.0522,
1.0445

■ 109.1450, 6.8305,
2.5038

■ 111.5950, 11.0457,
3.8632

■ 113.7460, 15.4082,
4.6078

Harmonies

Analogous

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



95.5140, -26.3824, 15.3352



92.7500, -21.0757, -6.7968



87.6140, -8.1907, -32.9875

Triad

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



92.7500, -21.0757, -6.7968



80.0400, 32.5183, -70.1951



99.4490, -0.7144, 42.5792

Complementary

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



92.7500, -21.0757, -6.7968



62.2500, 21.0757, 6.7968

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.



100.9770, 11.8433, 28.0842



92.7500, -21.0757, -6.7968



92.5760, 29.7890, -34.7082

Square

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



92.7500, -21.0757, -6.7968



79.5210, 22.9141, -69.7399



99.8580, 22.2550, 1.8785



98.1320, -13.3761, 43.7342

Rectangle

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



92.7500, -21.0757, -6.7968



76.7870, 6.0210, -64.7112



99.8580, 22.2550, 1.8785



100.1650, 3.3697, 39.3203

Sweetspot

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



92.7500, -21.0757, -6.7968



133.1000, -8.4303, -2.7187



77.5980, -13.6058, 24.0316



66.0230, -4.9413, -1.7742



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



92.7500, -21.0757, -6.7968



118.5140, -33.2844, -10.9748



84.6770, -17.0958, -23.3957



52.7180, -2.3260, -0.6297



91.1040, -44.9143, -14.1232



190.4590, -93.8963, -30.2205

Inverse Universe

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



62.2500, 21.0757, 6.7968



70.1870, 33.4318, 10.3600



70.3230, 17.0958, 23.3957



49.2820, 2.3260, 0.6297



26.1950, 44.7669, 14.7380



54.5410, 93.8963, 30.2205

Previews

White Background



This preview shows how the YUV color 92.7500, -21.0757, -6.7968 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 92.7500, -21.0757, -6.7968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

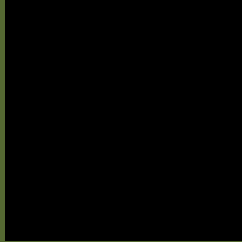
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.7500, -21.0757, -6.7968

Background



This preview shows how black text looks on a background with the YUV color 92.7500, -21.0757, -6.7968.



This preview shows how white text looks on a background with the YUV color 92.7500, -21.0757, -6.7968.

-6.7968.

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

92.7500, -21.0757, -6.7968

Protanopia

95.2900, -23.3140, 11.1467

Deuteranopia

96.5130, -21.4519, 20.5981



Tritanopia

97.8190, 4.5262, -5.1033

Trichromacy



Original Color

92.7500, -21.0757, -6.7968

Protanomaly

94.7730, -22.5661, 4.5841

Deuteranomaly

94.8600, -21.1300, 10.6468

Tritanomaly

95.7020, -4.7831, -5.8777

Monochromacy



Original Color

92.7500, -21.0757, -6.7968

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.6270, -7.7041, -2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.7500, -21.0757, -6.7968 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(85, 105, 50)` looks like.

```
.text, #text, p{  
    color:rgb(85, 105, 50)  
}
```

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(85, 105, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 105, 50) }
```

Border

The CSS property to change the border of an element to YUV 92.7500, -21.0757, -6.7968 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(85, 105, 50) }
```


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

```
.border{ border-color:rgb(85, 105, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 105, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 105, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 105, 50);  
box-shadow:4px 4px 4px 4px rgb(85, 105,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 92.7500, -21.0757, -6.7968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 105, 50) }
```

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

```
.background{ background-color: rgb(85, 105,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor