

Converting Colors

YUV(76.8280, -12.7332,
-22.6512)

Have a look what the booklet for
YUV(76.8280, -12.7332, -22.6512)
contains.

YUV(76.8280, -12.7332, -22.6512)	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(76.8280, -12.7332,
-22.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	335F33
RGB	51, 95, 51
RGB Percent	20%, 37%, 20%
CMY	0.8000, 0.6275, 0.8000
CMYK	0.46, 0.00, 0.46, 0.63
HSL	120°, 30%, 29%
HSV	120°, 46%, 37%
XYZ	6.0550, 9.1272, 4.5746
YIQ	76.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

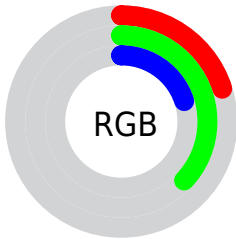
Format	Color
RYB	51, 95, 95
Decimal	3366707
CIELab	36.23, -25.43, 20.52
CIElCh	36, 32.676, 141.097
Yxy	9.1272, 0.3065, 0.4620
Android (android.graphics.Color)	4281556787 (0xFF335F33)
YUV	76.8280, -12.7332, -22.6512
Hunter-Lab	30.2113, -17.0946, 12.1703

Details

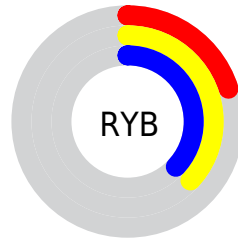
The YUV color **76.8280, -12.7332, -22.6512** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.1720, 12.7332, 22.6512**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7740, -14.1856, -23.4808**, and **29.1590, -11.4174, -24.6954** is the 20% darker color. If you saturate the color by 10%, you get **73.1110, -15.3377, -27.2843**, and if you desaturate by 10%, it is **80.9580, -9.8393, -17.5032**.

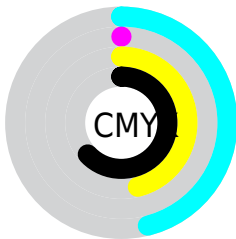
Distribution



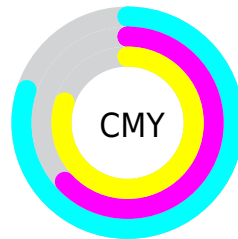
- Red (20%)
- Green (37%)
- Blue (20%)



- Red (20%)
- Yellow (37%)
- Blue (37%)



- Cyan (46%)
- Magenta (0%)
- Yellow (46%)
- Black (63%)



- Cyan (80%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8280, -12.7332, -22.6512 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 76.8280, -12.7332, -22.6512 by changing the saturation by 10% instead.

■ 76.8280, -12.7332,
-22.6512

■ 76.8280, -12.7332,
-22.6512

255.0000, 0.0000,
0.0000

■ 53.0560, -11.8596,
-22.8511

■ 126.7740,
-14.1856, -23.4808

■ 29.1590, -11.4174,
-24.6954

■ 153.2470,
-14.9118, -23.8956

■ 17.0230, -8.3923,
-14.9292

■ 180.1330,
-15.3486, -23.7956

■ 0.0000, 0.0000,
0.0000

■ 207.7200,
-15.6380, -24.3104

■ 235.1330,
-15.3486, -23.7956

■ 246.6970, -7.2456,

-9.3813

■ 76.8280, -12.7332,
-22.6512

■ 76.8280, -12.7332,
-22.6512

■ 73.1110, -15.3377,
-27.2843

■ 80.9580, -9.8393,
-17.5032

■ 68.9810, -18.2316,
-32.4323

■ 84.6750, -7.2348,
-12.8700

■ 64.8510, -21.1255,
-37.5803

■ 88.8050, -4.3409,
-7.7220

■ 61.1340, -23.7301,
-42.2135

■ 92.5220, -1.7363,
-3.0888

■ 57.0040, -26.6240,
-47.3615

■ 96.2390, 0.8682,
1.5444

■ 55.7650, -27.4921,
-48.9059

■ 100.3690, 3.7621,
6.6924

■ 104.4990, 6.6560,
11.8404

■ 108.2160, 9.2605,
16.4736

■ 112.3460, 12.1544,
21.6216

Harmonies

Analogous

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



80.6370, -22.9920, 1.1954



76.8280, -12.7332, -22.6512



66.1900, 4.8363, -58.0486

Triad

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



76.8280, -12.7332, -22.6512



68.4480, 33.7961, -60.0289



85.3860, -8.5713, 42.6345

Complementary

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



76.8280, -12.7332, -22.6512



69.1720, 12.7332, 22.6512

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.



86.5670, 3.6645, 38.0907



76.8280, -12.7332, -22.6512



84.9490, 24.1821, -9.6023

Square

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



76.8280, -12.7332, -22.6512



70.6020, 26.8182, -61.9180



88.0190, 14.7806, 19.2773



84.1820, -19.3167, 35.7974

Rectangle

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



76.8280, -12.7332, -22.6512



68.2420, 12.6987, -59.8482



88.0190, 14.7806, 19.2773



85.7110, -4.7875, 42.3495

Sweetspot

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



76.8280, -12.7332, -22.6512



114.9790, -4.9196, -8.7516



89.9840, -19.2191, 4.3990



56.8700, -2.8939, -5.1480



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



76.8280, -12.7332, -22.6512



93.9160, -19.6786, -35.0063



79.3360, -3.1236, -24.8507



46.3480, -1.1576, -2.0592



65.7440, -32.4118, -57.6575



140.8800, -69.4538, -123.5518

Inverse Universe

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



69.1720, 12.7332, 22.6512



82.0840, 19.6786, 35.0063



66.6640, 3.1236, 24.8507



45.6520, 1.1576, 2.0592



46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 76.8280, -12.7332, -22.6512 looks on a white background.

Color Contrast Check

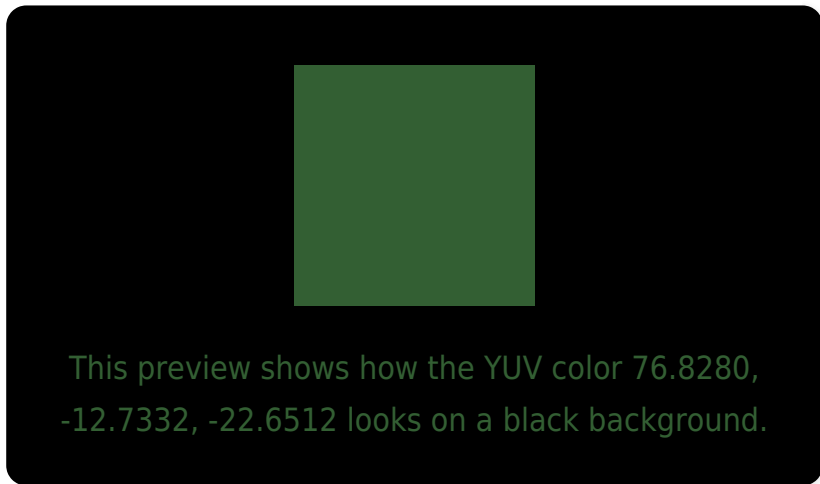
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

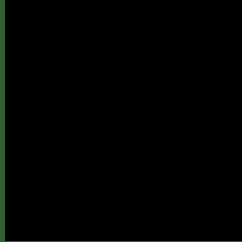
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8280, -12.7332, -22.6512

Background



This preview shows how black text looks on a background with the YUV color 76.8280, -12.7332, -22.6512.



This preview shows how white text looks on a background with the YUV color 76.8280, -12.7332, -22.6512.

-22.6512.

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

76.8280, -12.7332, -22.6512

Protanopia

83.0600, -17.7776, 8.7174

Deuteranopia

84.2010, -14.8891, 15.6097



Tritanopia

82.1270, 7.3324, -18.5284

Trichromacy



Original Color

76.8280, -12.7332, -22.6512

Protanomaly

81.0370, -16.2872, -2.6634

Deuteranomaly

81.3410, -13.9721, 1.4549

Tritanomaly

80.1670, -0.0823, -20.3175

Monochromacy



Original Color

76.8280, -12.7332, -22.6512

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3920, -4.6303, -8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8280, -12.7332, -22.6512 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, 95, 51)` looks like.

```
.text, #text, p{  
    color:rgb(51, 95, 51)  
}
```

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, 95, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 95, 51) }
```

Border

The CSS property to change the border of an element to YUV 76.8280, -12.7332, -22.6512 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, 95, 51) }
```


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

```
.border{ border-color:rgb(51, 95, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 95, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 95, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 95, 51);  
box-shadow:4px 4px 4px 4px rgb(51, 95, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.8280, -12.7332, -22.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 95, 51) }
```

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

```
.background{ background-color: rgb(51, 95,  
51) }
```

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