

Converting Colors

YUV(113.7560, -20.0927,
4.5990)

Have a look what the booklet for
YUV(113.7560, -20.0927, 4.5990)
contains.

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Color

**YUV(113.7560, -20.0927,
4.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	777749
RGB	119, 119, 73
RGB Percent	47%, 47%, 29%
CMY	0.5333, 0.5333, 0.7137
CMYK	0.00, 0.00, 0.39, 0.53
HSL	60°, 24%, 38%
HSV	60°, 39%, 47%
XYZ	15.4072, 17.5966, 8.8878
YIQ	113.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

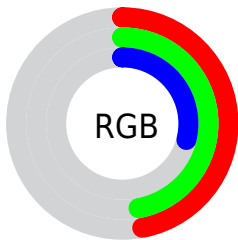
Format	Color
RYB	73, 119, 73
Decimal	7829321
CIELab	49.00, -7.56, 25.32
CIELCh	49, 26.422, 106.630
Yxy	17.5966, 0.3678, 0.4201
Android (android.graphics.Color)	4286019401 (0xFF777749)
YUV	113.7560, -20.0927, 4.5990
Hunter-Lab	41.9483, -7.8485, 16.8018

Details

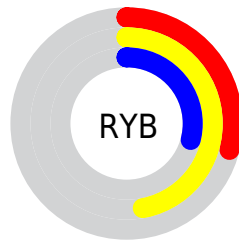
The YUV color **113.7560, -20.0927, 4.5990** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.2440, 20.0927, -4.5990**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7130, -21.5505, 5.5137**, and **65.5000, -18.4875, 3.0695** is the 20% darker color. If you saturate the color by 10%, you get **112.3880, -25.3343, 5.7987**, and if you desaturate by 10%, it is **115.1240, -14.8511, 3.3993**.

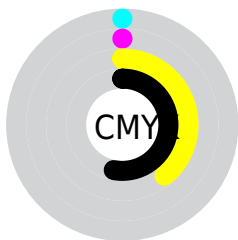
Distribution



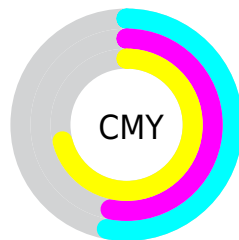
- Red (47%)
- Green (47%)
- Blue (29%)



- Red (29%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (0%)
- Yellow (39%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7560, -20.0927, 4.5990 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 113.7560, -20.0927, 4.5990 by changing the saturation by 10% instead.

■ 113.7560,
-20.0927, 4.5990

■ 113.7560,
-20.0927, 4.5990

■ 255.0000, 0.0000,
0.0000

■ 88.9840, -19.2191,
4.3990

■ 165.7130,
-21.5505, 5.5137

■ 65.5000, -18.4875,
3.0695

■ 192.8980,
-22.1347, 6.2285

■ 42.3860, -18.9243,
3.1695

■ 220.7840,
-22.5715, 6.3284

■ 23.6120, -11.6407,
0.3403

■ 249.0720,
-22.7135, 5.1989

■ 0.0000, 0.0000,
0.0000

■ 252.2640,
-10.4832, 2.3995

■ 113.7560,
-20.0927, 4.5990

■ 113.7560,
-20.0927, 4.5990

■ 112.3880,
-25.3343, 5.7987

■ 115.1240,
-14.8511, 3.3993

■ 111.0200,
-30.5759, 6.9985

■ 116.4920, -9.6096,
2.1995

■ 109.6520,
-35.8174, 8.1982

■ 117.8600, -4.3680,
0.9998

■ 108.2840,
-41.0590, 9.3979

■ 119.2280, 0.8736,
-0.2000

■ 106.9160,
-46.3006, 10.5977

■ 120.4820, 5.6784,
-1.2997

■ 105.6620,
-51.1054, 11.6974

■ 121.8500, 10.9200,
-2.4994

■ 105.4340,
-51.9790, 11.8974

■ 123.2180, 16.1615,
-3.6992

■ 124.5860, 21.4031,

-4.8989

■ 125.9540, 26.6447,
-6.0987

Harmonies

Analogous

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



115.9260, -21.1625, 21.1129



113.7560, -20.0927, 4.5990



111.1710, -12.9023, -15.0590

Triad

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



113.7560, -20.0927, 4.5990



102.1960, 22.5814, -56.2999



119.2240, 3.8336, 30.4986

Complementary

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



113.7560, -20.0927, 4.5990



78.2440, 20.0927, -4.5990

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.



119.3450, 13.6339, 13.7294



113.7560, -20.0927, 4.5990



110.3710, 23.9741, -36.2824

Square

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



113.7560, -20.0927, 4.5990



102.2750, 12.6824, -54.6152



116.4390, 20.9826, -10.0320



118.8090, -6.8078, 37.0015

Rectangle

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



113.7560, -20.0927, 4.5990



108.4450, -5.1494, -28.4543



116.4390, 20.9826, -10.0320



119.8150, 7.4862, 25.5952

Sweetspot

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



113.7560, -20.0927, 4.5990



153.8340, -8.2992, 1.8996



86.7540, -6.7807, 28.2797



77.7460, -4.8048, 1.0998



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.



113.7560, -20.0927, 4.5990



147.7920, -31.4495, 7.1984



106.8790, -16.7023, -9.5409



58.3160, -2.6208, 0.5999



108.0920, -53.2894, 12.1973



221.5000, -109.1995, 24.9945

Inverse Universe

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



78.2440, 20.0927, -4.5990



92.2080, 31.4495, -7.1984



85.1210, 16.7023, 9.5409



53.6840, 2.6208, -0.5999



13.9080, 53.2894, -12.1973



28.5000, 109.1995, -24.9945

Previews

White Background



This preview shows how the YUV color 113.7560, -20.0927, 4.5990 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 113.7560, -20.0927, 4.5990 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

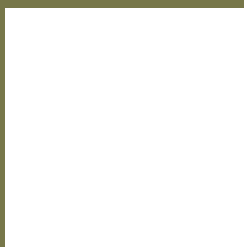
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.7560, -20.0927, 4.5990

Background



This preview shows how black text looks on a background with the YUV color 113.7560, -20.0927, 4.5990.



This preview shows how white text looks on a background with the YUV color 113.7560, -20.0927,

4.5990.

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

113.7560, -20.0927, 4.5990

Protanopia

114.2730, -20.8406, 11.1616

Deuteranopia

115.5670, -19.9995, 21.4277



Tritanopia

117.6140, 2.1623, 6.4775

Trichromacy



Original Color

113.7560, -20.0927, 4.5990

Protanomaly

113.9630, -20.6878, 8.8024

Deuteranomaly

114.8220, -20.1252, 15.0651

Tritanomaly

116.1380, -5.9840, 6.0180

Monochromacy



Original Color

113.7560, -20.0927, 4.5990

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0620, -7.4256, 1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7560, -20.0927, 4.5990 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(119, 119, 73)` looks like.

```
.text, #text, p{  
    color:rgb(119, 119, 73)  
}
```

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(119, 119, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 119, 73) }
```

Border

The CSS property to change the border of an element to YUV 113.7560, -20.0927, 4.5990 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(119, 119, 73) }
```


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

```
.border{ border-color:rgb(119, 119, 73) }
```

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

Here you see how a box with a 4 pixel rgb(119, 119, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 119, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 119, 73);  
box-shadow:4px 4px 4px 4px rgb(119, 119,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 113.7560, -20.0927, 4.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 119, 73) }
```

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

```
.background{ background-color: rgb(119,  
119, 73) }
```

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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