

Converting Colors

YUV(110.4030, -21.3977,
3.1546)

Have a look what the booklet for
YUV(110.4030, -21.3977, 3.1546)
contains.

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Color

**YUV(110.4030, -21.3977,
3.1546)**

Conversions

Conversions Part 1

Format	Color
Hex	727543
RGB	114, 117, 67
RGB Percent	45%, 46%, 26%
CMY	0.5529, 0.5412, 0.7373
CMYK	0.03, 0.00, 0.43, 0.54
HSL	64°, 27%, 36%
HSV	64°, 43%, 46%
XYZ	14.3138, 16.7052, 7.7802
YIQ	110.4030, 14.2620, -16.1860

Conversions

Conversions Part 2

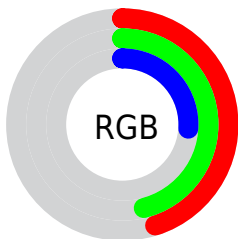
Format	Color
RYB	67, 117, 70
Decimal	7501123
CIELab	47.89, -9.36, 27.16
CIElCh	48, 28.723, 109.010
Yxy	16.7052, 0.3689, 0.4306
Android (android.graphics.Color)	4285691203 (0xFF727543)
YUV	110.4030, -21.3977, 3.1546
Hunter-Lab	40.8720, -9.0134, 17.3243

Details

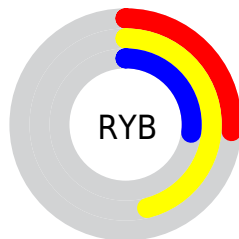
The YUV color **110.4030, -21.3977, 3.1546** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **73.5970, 21.3977, -3.1546**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3600, -22.8555, 4.0693**, and **62.4460, -19.9399, 2.2399** is the 20% darker color. If you saturate the color by 10%, you get **108.7360, -26.4918, 3.7395**, and if you desaturate by 10%, it is **112.0700, -16.3035, 2.5696**.

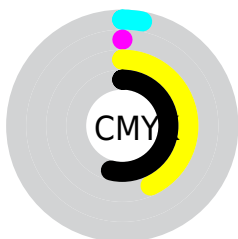
Distribution



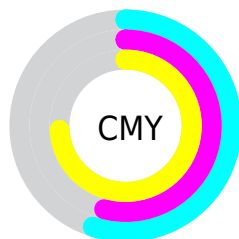
- Red (45%)
- Green (46%)
- Blue (26%)



- Red (26%)
- Yellow (46%)
- Blue (27%)



- Cyan (3%)
- Magenta (0%)
- Yellow (43%)
- Black (54%)



- Cyan (55%)
- Magenta (54%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.4030, -21.3977, 3.1546 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 110.4030, -21.3977, 3.1546 by changing the saturation by 10% instead.

■ 110.4030,
-21.3977, 3.1546

■ 110.4030,
-21.3977, 3.1546

■ 255.0000, 0.0000,
0.0000

■ 85.6310, -20.5241,
2.9546

■ 162.3600,
-22.8555, 4.0693

■ 62.4460, -19.9399,
2.2399

■ 189.2460,
-23.2923, 4.1693

■ 40.1470, -19.7925,
1.6251

■ 217.3170,
-24.3133, 4.9840

■ 20.6440, -10.1775,
-2.3188

■ 245.9040,
-24.6027, 4.4692

■ 0.0000, 0.0000,
0.0000

■ 251.4660,
-13.5407, 3.0993

254.7720, -0.8736,

0.2000

■ 110.4030,
-21.3977, 3.1546

■ 110.4030,
-21.3977, 3.1546

■ 108.7360,
-26.4918, 3.7395

■ 112.0700,
-16.3035, 2.5696

■ 107.4820,
-31.2966, 4.8393

■ 113.3240,
-11.4987, 1.4699

■ 105.8150,
-36.3908, 5.4242

■ 114.9910, -6.4046,
0.8849

■ 104.1480,
-41.4850, 6.0092

■ 116.6580, -1.3104,
0.2999

■ 102.5950,
-46.1423, 6.4942

■ 118.3250, 3.7838,
-0.2850

■ 101.5690,
-50.0735, 7.3940

■ 119.5790, 8.5886,
-1.3848

■ 121.2460, 13.6827,
-1.9697

■ 122.9130, 18.7769,
-2.5547

■ 124.1670, 23.5817,
-3.6545

Harmonies

Analogous

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



112.4700, -22.9097, 21.5128



110.4030, -21.3977, 3.1546



107.1490, -12.8915, -18.5477

Triad

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



110.4030, -21.3977, 3.1546



93.3620, 27.4295, -71.3545



116.8330, 3.5333, 33.4725

Complementary

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



110.4030, -21.3977, 3.1546



73.5970, 21.3977, -3.1546

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.



116.8830, 14.3547, 15.8886



110.4030, -21.3977, 3.1546



106.7450, 26.7477, -39.2414

Square

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



110.4030, -21.3977, 3.1546



92.8540, 17.8200, -69.1550



114.0800, 22.1456, -9.7172



115.1900, -7.9817, 40.1754

Rectangle

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



110.4030, -21.3977, 3.1546



103.9390, -4.4069, -33.2725



114.0800, 22.1456, -9.7172



116.8370, 7.4754, 29.0840

Sweetspot

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



110.4030, -21.3977, 3.1546



150.4210, -8.5886, 1.3848



83.7110, -8.2385, 29.1945



75.2190, -5.5310, 0.6849



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



110.4030, -21.3977, 3.1546



142.6130, -33.3332, 4.7244



103.2270, -17.8599, -11.6001



58.0170, -2.4734, -0.0149



105.9990, -52.2575, 7.8939



217.0150, -106.9884, 15.7728

Inverse Universe

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



73.5970, 21.3977, -3.1546



85.3870, 33.3332, -4.7244



81.0720, 17.7125, 12.2149



53.6840, 2.6208, -0.5999



16.0010, 52.2575, -7.8939



32.9850, 106.9884, -15.7728

Previews

White Background



This preview shows how the YUV color 110.4030, -21.3977, 3.1546 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 110.4030, -21.3977, 3.1546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

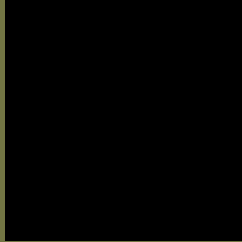
Any Text WCAG AA × Fail

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 110.4030, -21.3977, 3.1546 Background



This preview shows how black text looks on a background with the YUV color 110.4030, -21.3977, 3.1546.



This preview shows how white text looks on a background with the YUV color 110.4030, -21.3977, 3.1546.

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

110.4030, -21.3977, 3.1546

Protanopia

111.8170, -22.5878, 11.5615

Deuteranopia

112.5240, -21.4573, 22.3425



Tritanopia

114.7170, 2.6045, 4.6332

Trichromacy



Original Color

110.4030, -21.3977, 3.1546

Protanomaly

111.2080, -22.2875, 8.5876

Deuteranomaly

111.4800, -21.4356, 15.3650

Tritanomaly

113.1270, -5.9786, 4.2736

Monochromacy



Original Color

110.4030, -21.3977, 3.1546

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2360, -8.0043, 0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4030, -21.3977, 3.1546 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(114, 117, 67)` looks like.

```
.text, #text, p{  
    color:rgb(114, 117, 67)  
}
```

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(114, 117, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 117, 67) }
```

Border

The CSS property to change the border of an element to YUV 110.4030, -21.3977, 3.1546 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(114, 117, 67) }
```


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

```
.border{ border-color:rgb(114, 117, 67) }
```

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

Here you see how a box with a 4 pixel rgb(114, 117, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 117, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 117, 67);  
box-shadow:4px 4px 4px 4px rgb(114, 117,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 110.4030, -21.3977, 3.1546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 117, 67) }
```

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

```
.background{ background-color: rgb(114,  
117, 67) }
```

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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