

Converting Colors

YUV(114.5120, -36.7344,
22.3530)

Have a look what the booklet for
YUV(114.5120, -36.7344, 22.3530)
contains.

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Color

**YUV(114.5120, -36.7344,
22.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7428
RGB	140, 116, 40
RGB Percent	55%, 45%, 16%
CMY	0.4510, 0.5451, 0.8431
CMYK	0.00, 0.17, 0.71, 0.45
HSL	46°, 56%, 35%
HSV	46°, 71%, 55%
XYZ	17.4436, 18.2194, 4.6048
YIQ	114.5120, 38.7000, -18.5480

Conversions

Conversions Part 2

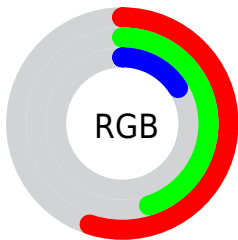
Format	Color
R_{YB}	72, 140, 40
Decimal	9204776
CIE _{Lab}	49.76, 0.69, 43.70
CIE _{LCh}	50, 43.706, 89.097
Yxy	18.2194, 0.4332, 0.4525
Android (android.graphics.Color)	4287394856 (0xFF8C7428)
YUV	114.5120, -36.7344, 22.3530
Hunter-Lab	42.6842, -1.7504, 23.4827

Details

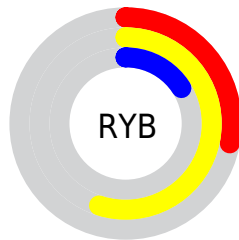
The YUV color **114.5120, -36.7344, 22.3530** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **65.4880, 36.7344, -22.3530**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4800, -38.1976, 25.0120**, and **65.6300, -32.3556, 17.8645** is the 20% darker color. If you saturate the color by 10%, you get **111.1550, -41.9814, 25.2971**, and if you desaturate by 10%, it is **117.8690, -31.4874, 19.4089**.

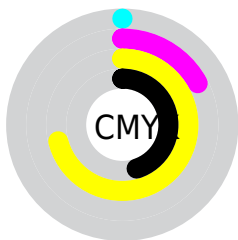
Distribution



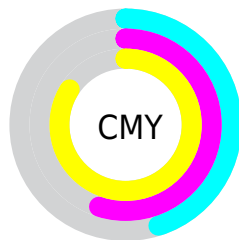
- Red (55%)
- Green (45%)
- Blue (16%)



- Red (28%)
- Yellow (55%)
- Blue (16%)



- Cyan (0%)
- Magenta (17%)
- Yellow (71%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5120, -36.7344, 22.3530 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 114.5120, -36.7344, 22.3530 by changing the saturation by 10% instead.

■ 114.5120,
-36.7344, 22.3530

■ 114.5120,
-36.7344, 22.3530

■ 255.0000, 0.0000,
0.0000

■ 89.2730, -37.6026,
20.8086

■ 167.4800,
-38.1976, 25.0120

■ 65.6300, -32.3556,
17.8645

■ 194.8500,
-39.3660, 26.4416

■ 45.2410, -22.3038,
13.8206

■ 223.3340,
-40.0977, 27.7711

■ 26.0260, -12.8308,
8.7472

■ 242.8480,
-36.4071, 10.6573

■ 0.0000, 0.0000,
0.0000

■ 248.2740,
-25.7711, 5.8987

■ 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 114.5120,
-36.7344, 22.3530

■ 114.5120,
-36.7344, 22.3530

■ 111.1550,
-41.9814, 25.2971

■ 117.8690,
-31.4874, 19.4089

■ 107.2110,
-46.9390, 28.7560

■ 121.8130,
-26.5298, 15.9500

■ 104.0820,
-51.3124, 31.5001

■ 125.1700,
-21.2828, 13.0059

■ 128.5270,
-16.0358, 10.0618

■ 132.4710,
-11.0782, 6.6029

■ 135.8280, -5.8312,
3.6588

■ 139.7720, -0.8736,
0.2000

■ 143.1290, 4.3734,
-2.7441

■ 146.4860, 9.6204,
-5.6882

Harmonies

Analogous

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



116.6750, -30.4058, 45.8890



114.5120, -36.7344, 22.3530



111.0460, -30.0957, -7.0563

Triad

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



114.5120, -36.7344, 22.3530



97.2740, 27.4729, -85.3093



121.8130, 17.3472, 36.1210

Complementary

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



114.5120, -36.7344, 22.3530



65.4880, 36.7344, -22.3530

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.



120.1270, 30.9964, -1.8654



114.5120, -36.7344, 22.3530



98.1180, 40.8608, -86.0495

Square

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



114.5120, -36.7344, 22.3530



93.6430, 11.0220, -82.1249



103.3580, 43.7005, -63.4580



119.2920, 0.8420, 56.7489

Rectangle

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



114.5120, -36.7344, 22.3530



106.7640, -19.1107, -30.4880



103.3580, 43.7005, -63.4580



122.0010, 22.1845, 24.5551

Sweetspot

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



114.5120, -36.7344, 22.3530



171.3850, -13.9938, 8.4324



72.7500, -3.8207, 58.9783



85.8560, -8.3100, 5.3883



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



114.5120, -36.7344, 22.3530



141.4970, -57.4330, 34.6441



121.1250, -39.9946, -5.3716



67.0280, -2.4788, 1.7294



99.0540, -48.8336, 29.7706



3.8430, -1.8946, 1.0147

Inverse Universe

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



65.4880, 36.7344, -22.3530



65.0900, 57.1436, -35.1589



58.8750, 39.9946, 5.3716



63.9720, 2.4788, -1.7294



33.9460, 48.8336, -29.7706



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 114.5120, -36.7344, 22.3530 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 114.5120, -36.7344, 22.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

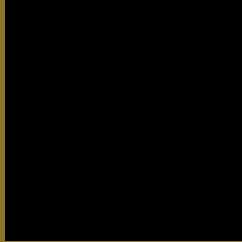
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.5120, -36.7344, 22.3530

Background



This preview shows how black text looks on a background with the YUV color 114.5120, -36.7344, 22.3530.



This preview shows how white text looks on a background with the YUV color 114.5120, -36.7344, 22.3530.

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

114.5120, -36.7344, 22.3530

Protanopia

114.2940, -36.1339, 16.4052

Deuteranopia

115.2570, -36.6087, 28.7156



Tritanopia

120.9750, -1.9597, 21.9469

Trichromacy



Original Color

114.5120, -36.7344, 22.3530

Protanomaly

114.6040, -36.2868, 18.7643

Deuteranomaly

114.9470, -36.4559, 26.3565

Tritanomaly

118.9460, -14.7634, 21.9724

Monochromacy



Original Color

114.5120, -36.7344, 22.3530

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.6130, -13.1202, 8.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5120, -36.7344, 22.3530 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(140, 116, 40)` looks like.

```
.text, #text, p{  
    color:rgb(140, 116, 40)  
}
```

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(140, 116, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 116, 40) }
```

Border

The CSS property to change the border of an element to YUV 114.5120, -36.7344, 22.3530 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(140, 116, 40) }
```


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

```
.border{ border-color:rgb(140, 116, 40) }
```

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

Here you see how a box with a 4 pixel rgb(140, 116, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 116, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 116, 40);  
box-shadow:4px 4px 4px 4px rgb(140, 116,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 114.5120, -36.7344, 22.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 116, 40) }
```

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

```
.background{ background-color: rgb(140,  
116, 40) }
```

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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