

Converting Colors

YUV(86.1550, -32.1214,
-10.6599)

Have a look what the booklet for
YUV(86.1550, -32.1214, -10.6599)
contains.

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Color

**YUV(86.1550, -32.1214,
-10.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6915
RGB	74, 105, 21
RGB Percent	29%, 41%, 8%
CMY	0.7098, 0.5882, 0.9176
CMYK	0.30, 0.00, 0.80, 0.59
HSL	82°, 67%, 25%
HSV	82°, 80%, 41%
XYZ	8.0110, 11.6131, 2.5288
YIQ	86.1550, 8.4880, -32.6960

Conversions

Conversions Part 2

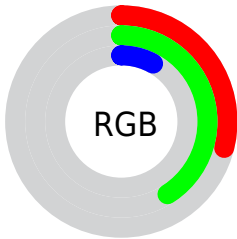
Format	Color
R_{YB}	21, 105, 52
Decimal	4876565
CIE Lab	40.59, -24.72, 40.51
CIE LCh	41, 47.460, 121.389
Yxy	11.6131, 0.3616, 0.5242
Android (android.graphics.Color)	4283066645 (0xFF4A6915)
YUV	86.1550, -32.1214, -10.6599
Hunter-Lab	34.0781, -17.6753, 19.4550

Details

The YUV color $86.1550, -32.1214, -10.6599$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $39.8450, 32.1214, 10.6599$, and the grayscale version is $86.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $137.3400, -32.7056, -9.9452$, and $40.9340, -20.1805, -13.9741$ is the 20% darker color. If you saturate the color by 10%, you get $83.7050, -36.3366, -12.0193$, and if you desaturate by 10%, it is $88.6050, -27.9063, -9.3006$.

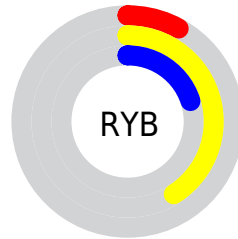
Distribution



Red (29%)

Green (41%)

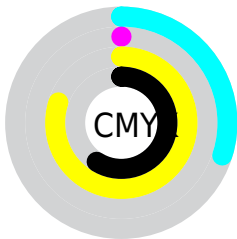
Blue (8%)



Red (8%)

Yellow (41%)

Blue (20%)

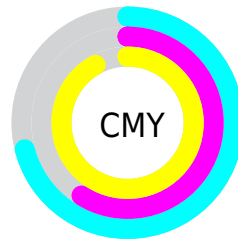


Cyan (30%)

Magenta (0%)

Yellow (80%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1550, -32.1214, -10.6599 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 86.1550, -32.1214, -10.6599 by changing the saturation by 10% instead.

■ 86.1550, -32.1214,
-10.6599

■ 86.1550, -32.1214,
-10.6599

■ 255.0000, 0.0000,
0.0000

■ 62.1980, -30.6636,
-11.5746

■ 137.3400,
-32.7056, -9.9452

■ 40.9340, -20.1805,
-13.9741

■ 164.2260,
-33.1424, -9.8452

■ 21.1320, -10.4181,
-18.5328

■ 191.5850,
-34.3054, -10.1600

■ 2.3480, -1.1576,
-2.0592

■ 219.4710,
-34.7422, -10.0601

■ 0.0000, 0.0000,
0.0000

■ 240.6120,
-31.8537, -3.1677

■ 249.1860,

-22.2767, 5.0989

■ 252.3780,
-10.0464, 2.2995

■ 86.1550, -32.1214,
-10.6599

■ 86.1550, -32.1214,
-10.6599

■ 83.7050, -36.3366,
-12.0193

■ 88.6050, -27.9063,
-9.3006

■ 81.3690, -40.1149,
-13.4786

■ 90.9410, -24.1279,
-7.8413

■ 93.3910, -19.9128,
-6.4819

■ 95.7270, -16.1344,
-5.0226

■ 97.8780, -11.7719,
-4.2780

■ 100.2140, -7.9935,
-2.8187

■ 102.6640, -3.7784,
-1.4593

■ 105.0000, 0.0000,
0.0000

■ 107.4500, 4.2151,
1.3593

Harmonies

Analogous

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



89.1930, -42.9861, 20.8787



86.1550, -32.1214, -10.6599



71.5410, -7.6617, -62.7415

Triad

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



86.1550, -32.1214, -10.6599



82.6790, 40.0913, -72.5095



93.4390, 1.2626, 61.8820

Complementary

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



86.1550, -32.1214, -10.6599



39.8450, 32.1214, 10.6599

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.



97.6610, 17.9151, 40.6393



86.1550, -32.1214, -10.6599



78.5360, 47.0638, -68.8761

Square

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



86.1550, -32.1214, -10.6599



81.7210, 26.2665, -71.6693



97.3660, 31.8646, -0.3210



92.0310, -16.7773, 61.3628

Rectangle

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



86.1550, -32.1214, -10.6599



75.7930, 3.5531, -66.4705



97.3660, 31.8646, -0.3210



94.8990, 6.9518, 57.0936

Sweetspot

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



86.1550, -32.1214, -10.6599



130.6500, -12.6455, -4.0781



64.3130, -21.3533, 35.6825



64.3280, -7.5567, -2.9187



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.



86.1550, -32.1214, -10.6599



108.3010, -50.4344, -16.9270



73.5970, -25.9303, -36.4806



52.7180, -2.3260, -0.6297



90.8050, -44.7669, -14.7380



189.8610, -93.6015, -31.4501

Inverse Universe

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



39.8450, 32.1214, 10.6599



35.4000, 50.5818, 16.3122



52.4030, 25.9303, 36.4806



49.2820, 2.3260, 0.6297



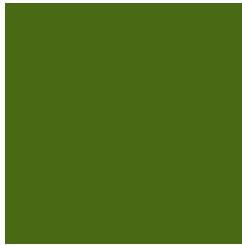
26.1950, 44.7669, 14.7380



54.8400, 93.7489, 30.8353

Previews

White Background



This preview shows how the YUV color 86.1550, -32.1214, -10.6599 looks on a white background.

Color Contrast Check

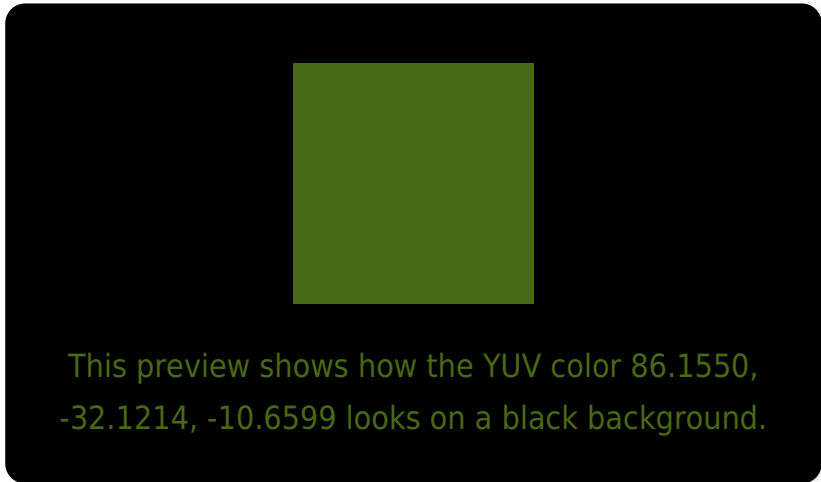
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

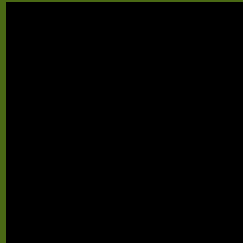
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.1550, -32.1214, -10.6599

Background



This preview shows how black text looks on a background with the YUV color 86.1550, -32.1214, -10.6599.



This preview shows how white text looks on a background with the YUV color 86.1550, -32.1214,

-10.6599.

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

86.1550, -32.1214, -10.6599

Protanopia

90.5110, -35.2549, 14.4609

Deuteranopia

92.4890, -31.7931, 24.1271



Tritanopia

94.7260, 5.5581, -9.4067

Trichromacy



Original Color

86.1550, -32.1214, -10.6599

Protanomaly

88.7980, -33.9174, 5.4392

Deuteranomaly

89.9990, -32.0445, 11.4019

Tritanomaly

91.7570, -8.2612, -10.3109

Monochromacy



Original Color

86.1550, -32.1214, -10.6599

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1770, -11.9193, -3.6632

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1550, -32.1214, -10.6599 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(74, 105, 21)` looks like.

```
.text, #text, p{  
    color:rgb(74, 105, 21)  
}
```

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(74, 105, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 105, 21) }
```

Border

The CSS property to change the border of an element to YUV 86.1550, -32.1214, -10.6599 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(74, 105, 21) }
```


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

```
.border{ border-color:rgb(74, 105, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 105, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 105, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 105, 21);  
box-shadow:4px 4px 4px 4px rgb(74, 105,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 86.1550, -32.1214, -10.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 105, 21) }
```

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

```
.background{ background-color: rgb(74, 105,  
21) }
```

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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