

Converting Colors

YUV(112.7790, -52.1490,
-26.9932)

Have a look what the booklet for
YUV(112.7790, -52.1490, -26.9932)
contains.

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Color

**YUV(112.7790, -52.1490,
-26.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	529507
RGB	82, 149, 7
RGB Percent	32%, 58%, 3%
CMY	0.6784, 0.4157, 0.9725
CMYK	0.45, 0.00, 0.95, 0.42
HSL	88°, 91%, 31%
HSV	88°, 95%, 58%
XYZ	14.2655, 23.3041, 3.9473
YIQ	112.7790, 5.6500, -58.3660

Conversions

Conversions Part 2

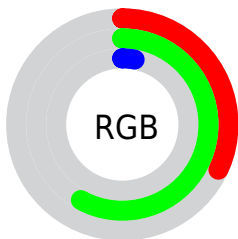
Format	Color
RYB	7, 149, 74
Decimal	5412103
CIELab	55.38, -41.97, 56.88
CIElCh	55, 70.693, 126.423
Yxy	23.3041, 0.3436, 0.5613
Android (android.graphics.Color)	4283602183 (0xFF529507)
YUV	112.7790, -52.1490, -26.9932
Hunter-Lab	48.2743, -31.7317, 28.9440

Details


The YUV color **112.7790, -52.1490, -26.9932** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **43.2210, 52.1490, 26.9932**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2180, -47.9285, -27.3782**, and **63.2180, -31.1665, -37.0252** is the 20% darker color. If you saturate the color by 10%, you get **111.0840, -54.7644, -28.1377**, and if you desaturate by 10%, it is **116.5820, -46.6289, -24.1894**.

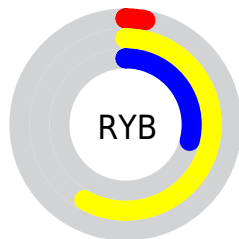
Distribution



 Red (32%)

 Green (58%)

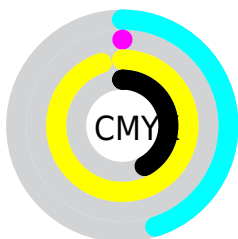
 Blue (3%)




 Red (3%)

 Yellow (58%)

 Blue (29%)

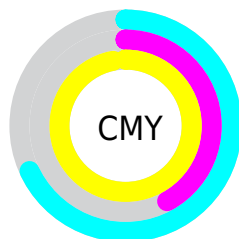



 Cyan (45%)


 Magenta (0%)

 Yellow (95%)

 Black (42%)



 Cyan (68%)

 Magenta (42%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7790, -52.1490, -26.9932 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 112.7790, -52.1490, -26.9932 by changing the saturation by 10% instead.

■ 112.7790,
-52.1490, -26.9932

■ 112.7790,
-52.1490, -26.9932

255.0000, 0.0000,
0.0000

■ 88.0480, -43.4077,
-30.7371

■ 169.2180,
-47.9285, -27.3782

■ 63.2180, -31.1665,
-37.0252

■ 197.1040,
-48.3653, -27.2782

■ 42.8510, -21.1255,
-37.5803

■ 222.3540,
-47.5025, -23.9895

■ 29.3500, -14.4695,
-25.7399

■ 234.2170,
-39.5470, -8.9603

■ 15.8490, -7.8136,
-13.8996

■ 246.3790,
-31.7388, 6.6836

■ 0.0000, 0.0000,
0.0000

■ 249.8700,

-19.6559, 4.4990

■ 253.1760, -6.9888,
1.5996

■ 112.7790,
-52.1490, -26.9932

■ 112.7790,
-52.1490, -26.9932

■ 111.0840,
-54.7644, -28.1377

■ 116.5820,
-46.6289, -24.1894

■ 120.3850,
-41.1088, -21.3856

■ 124.1880,
-35.5887, -18.5819

■ 127.9910,
-30.0686, -15.7781

■ 131.7940,
-24.5484, -12.9743

■ 135.4830,
-19.4651, -10.0706

■ 139.2860,
-13.9450, -7.2668

■ 143.0890, -8.4249,
-4.4631

■ 146.8920, -2.9048,
-1.6593

Harmonies

Analogous

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



122.9100, -60.5946, 22.0039



112.7790, -52.1490, -26.9932



101.2790, -10.4905, -88.8217

Triad

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



112.7790, -52.1490, -26.9932



117.1540, 63.0281, -102.7441



122.0620, -0.0306, 103.4316

Complementary

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



112.7790, -52.1490, -26.9932



43.2210, 52.1490, 26.9932

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.



130.9330, 25.6690, 73.7268



112.7790, -52.1490, -26.9932



108.9020, 72.0263, -95.5071

Square

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



112.7790, -52.1490, -26.9932



116.5890, 43.0936, -102.2486



135.5690, 47.5405, 11.7790



123.7980, -29.9734, 94.0162

Rectangle

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



112.7790, -52.1490, -26.9932



107.3550, 7.7130, -94.1503



135.5690, 47.5405, 11.7790



123.5480, 9.5898, 97.7434

Sweetspot

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



112.7790, -52.1490, -26.9932



179.5430, -20.4807, -11.0002



88.2000, -40.0316, 53.3216



88.3400, -12.4926, -6.4372



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



112.7790, -52.1490, -26.9932



144.3760, -71.1774, -37.1638



91.8490, -41.8306, -70.0276



72.0060, -2.4680, -1.7593



102.8330, -50.6967, -26.1635



7.3650, -3.6309, -2.0741

Inverse Universe

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



43.2210, 52.1490, 26.9932



49.3250, 71.3248, 36.5490



64.1510, 41.8306, 70.0276



68.6950, 2.6154, 1.1445



35.1670, 50.6967, 26.1635



2.6350, 3.6309, 2.0741

Previews

White Background



This preview shows how the YUV color 112.7790, -52.1490, -26.9932 looks on a white 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

Black Background



This preview shows how the YUV color 112.7790, -52.1490, -26.9932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

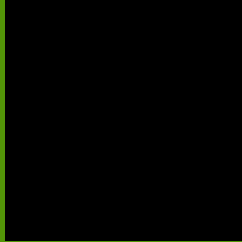
Any Text WCAG AA ✓ Pass

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 112.7790, -52.1490, -26.9932 Background



This preview shows how black text looks on a background with the YUV color 112.7790, -52.1490, -26.9932.



This preview shows how white text looks on a background with the YUV color 112.7790, -52.1490, -26.9932.

-26.9932.

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

112.7790, -52.1490, -26.9932

Protanopia

122.0350, -60.1633, 23.6483

Deuteranopia

126.5430, -47.1027, 34.6038



Tritanopia

128.5930, 10.5537, -25.0761

Trichromacy



Original Color

112.7790, -52.1490, -26.9932

Protanomaly

118.7230, -57.0514, 5.5049

Deuteranomaly

121.5310, -49.0688, 11.8123

Tritanomaly

122.9200, -12.2856, -26.2398

Monochromacy



Original Color

112.7790, -52.1490, -26.9932

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8960, -19.1757, -9.5558

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7790, -52.1490, -26.9932 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(82, 149, 7)` looks like.

```
.text, #text, p{  
    color:rgb(82, 149, 7)  
}
```

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(82, 149, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 149, 7) }
```

Border

The CSS property to change the border of an element to YUV 112.7790, -52.1490, -26.9932 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(82, 149, 7) }
```


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

```
.border{ border-color:rgb(82, 149, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 149, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 149, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 149, 7);  
box-shadow:4px 4px 4px 4px rgb(82, 149, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 112.7790, -52.1490, -26.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 149, 7) }
```

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

```
.background{ background-color: rgb(82, 149,  
7) }
```

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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