

Converting Colors

YUV(126.4640, -44.1058,
6.6091)

Have a look what the booklet for
YUV(126.4640, -44.1058, 6.6091)
contains.

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Color

**YUV(126.4640, -44.1058,
6.6091)**

Conversions

Conversions Part 1

Format	Color
Hex	868C25
RGB	134, 140, 37
RGB Percent	53%, 55%, 15%
CMY	0.4745, 0.4510, 0.8549
CMYK	0.04, 0.00, 0.74, 0.45
HSL	63°, 58%, 35%
HSV	63°, 74%, 55%
XYZ	19.5435, 23.9581, 5.3446
YIQ	126.4640, 29.4870, -33.3050

Conversions

Conversions Part 2

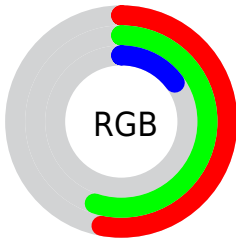
Format	Color
R_{YB}	37, 140, 43
Decimal	8817701
CIE Lab	56.05, -15.43, 50.99
CIE LCh	56, 53.271, 106.834
Yxy	23.9581, 0.4001, 0.4905
Android (android.graphics.Color)	4287007781 (0xFF868C25)
YUV	126.4640, -44.1058, 6.6091
Hunter-Lab	48.9470, -14.3858, 27.7889

Details

The YUV color **126.4640, -44.1058, 6.6091** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **50.5360, 44.1058, -6.6091**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.3610, -44.5480, 8.4534**, and **77.0490, -37.9852, 3.4650** is the 20% darker color. If you saturate the color by 10%, you get **124.5690, -50.0735, 7.3940**, and if you desaturate by 10%, it is **128.3590, -38.1380, 5.8242**.

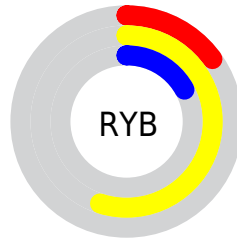
Distribution



Red (53%)

Green (55%)

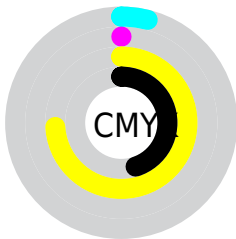
Blue (15%)



Red (15%)

Yellow (55%)

Blue (17%)

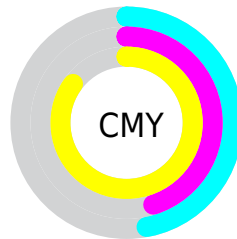


Cyan (4%)

Magenta (0%)

Yellow (74%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.4640, -44.1058, 6.6091 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 126.4640, -44.1058, 6.6091 by changing the saturation by 10% instead.

■ 126.4640,
-44.1058, 6.6091

■ 126.4640,
-44.1058, 6.6091

■ 255.0000, 0.0000,
0.0000

■ 99.8400, -47.7421,
6.2793

■ 180.3610,
-44.5480, 8.4534

■ 77.0490, -37.9852,
3.4650

■ 208.4320,
-45.5690, 9.2681

■ 56.0730, -27.6440,
-0.0640

■ 237.2040,
-46.4426, 9.4681

■ 35.3850, -17.4448,
-4.7226

■ 245.3100,
-37.1278, 8.4981

■ 15.2620, -7.5242,
-13.3848

■ 248.5020,
-24.8975, 5.6987

■ 0.0000, 0.0000,
0.0000

■ 251.8080,

-12.2303, 2.7994

■ 126.4640,
-44.1058, 6.6091

■ 126.4640,
-44.1058, 6.6091

■ 124.5690,
-50.0735, 7.3940

■ 128.3590,
-38.1380, 5.8242

■ 122.6740,
-56.0413, 8.1789

■ 130.2540,
-32.1702, 5.0392

■ 121.6480,
-59.9725, 9.0787

■ 131.8500,
-26.0550, 3.6396

■ 133.7450,
-20.0873, 2.8546

■ 135.6400,
-14.1195, 2.0697

■ 137.5350, -8.1518,
1.2848

■ 139.4300, -2.1840,
0.4999

■ 141.3250, 3.7838,
-0.2850

■ 142.9210, 9.8989,
-1.6847

Harmonies

Analogous

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



130.3310, -45.5192, 40.0517



126.4640, -44.1058, 6.6091



119.6080, -25.9357, -34.7362

Triad

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



126.4640, -44.1058, 6.6091



113.3120, 43.2302, -99.3746



135.2680, 10.7139, 63.7860

Complementary

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



126.4640, -44.1058, 6.6091



50.5360, 44.1058, -6.6091

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.



138.5590, 29.3044, 27.5738



126.4640, -44.1058, 6.6091



110.6510, 55.8811, -97.0409

Square

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



126.4640, -44.1058, 6.6091



110.3990, 24.4533, -96.8199



130.7350, 45.4866, -29.5856



132.6120, -11.1477, 75.7623

Rectangle

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



126.4640, -44.1058, 6.6091



101.3420, -2.6336, -88.8769



130.7350, 45.4866, -29.5856



137.2220, 17.1456, 54.1793

Sweetspot

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



126.4640, -44.1058, 6.6091



175.8420, -17.1771, 2.7696



70.7320, -16.6299, 60.7480



88.6660, -10.1883, 1.1699



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.



126.4640, -44.1058, 6.6091



160.1830, -68.1242, 10.3635



111.2150, -36.5880, -24.7446



67.9030, -2.9102, 0.0851



115.4460, -56.9149, 8.3789



4.4300, -2.1840, 0.4999

Inverse Universe

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



50.5360, 44.1058, -6.6091



42.8170, 68.1242, -10.3635



65.7850, 36.5880, 24.7446



62.7980, 3.0576, -0.6998



17.5540, 56.9149, -8.3789



0.5700, 2.1840, -0.4999

Previews

White Background



This preview shows how the YUV color 126.4640, -44.1058, 6.6091 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 126.4640, -44.1058, 6.6091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

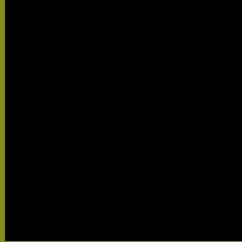
Any Text WCAG AA ✓ Pass

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 126.4640, -44.1058, 6.6091 Background



This preview shows how black text looks on a background with the YUV color 126.4640, -44.1058, 6.6091.



This preview shows how white text looks on a background with the YUV color 126.4640, -44.1058, 6.6091.

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

126.4640, -44.1058, 6.6091

Protanopia

128.4980, -45.6015, 19.7343

Deuteranopia

129.5690, -43.1715, 33.7040



Tritanopia

135.7280, 2.5991, 6.3775

Trichromacy



Original Color

126.4640, -44.1058, 6.6091

Protanomaly

127.8780, -45.2959, 15.0160

Deuteranomaly

128.6880, -43.7232, 23.9526

Tritanomaly

132.2600, -14.4252, 6.7880

Monochromacy



Original Color

126.4640, -44.1058, 6.6091

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1840, -15.8667, 2.4696

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.4640, -44.1058, 6.6091 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(134, 140, 37)` looks like.

```
.text, #text, p{  
    color:rgb(134, 140, 37)  
}
```

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(134, 140, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 140, 37) }
```

Border

The CSS property to change the border of an element to YUV 126.4640, -44.1058, 6.6091 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(134, 140, 37) }
```


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

```
.border{ border-color:rgb(134, 140, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 140, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 140, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 140, 37);  
box-shadow:4px 4px 4px 4px rgb(134, 140,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 126.4640, -44.1058, 6.6091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 140, 37) }
```

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

```
.background{ background-color: rgb(134,  
140, 37) }
```

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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