

Converting Colors

YUV(42.6280, -16.0856,
-20.7218)

Have a look what the booklet for
YUV(42.6280, -16.0856, -20.7218)
contains.

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Color

**YUV(42.6280, -16.0856,
-20.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	133D0A
RGB	19, 61, 10
RGB Percent	7%, 24%, 4%
CMY	0.9255, 0.7608, 0.9608
CMYK	0.69, 0.00, 0.84, 0.76
HSL	109°, 72%, 14%
HSV	109°, 84%, 24%
XYZ	1.9921, 3.4978, 0.8573
YIQ	42.6280, -8.6610, -24.7650

Conversions

Conversions Part 2

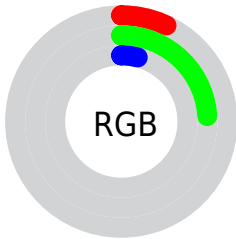
Format	Color
RYB	10, 61, 52
Decimal	1260810
CIELab	21.94, -25.66, 25.56
CIELCh	22, 36.220, 135.117
Yxy	3.4978, 0.3139, 0.5511
Android (android.graphics.Color)	4279450890 (0xFF133D0A)
YUV	42.6280, -16.0856, -20.7218
Hunter-Lab	18.7025, -13.7166, 10.3739

Details

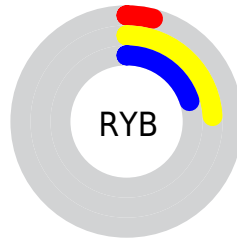
The YUV color **42.6280, -16.0856, -20.7218** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28.3720, 16.0856, 20.7218**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.5850, -17.5434, -19.8070**, and **7.6310, -3.7621, -6.6924** is the 20% darker color. If you saturate the color by 10%, you get **40.4490, -17.9694, -23.1958**, and if you desaturate by 10%, it is **44.8070, -14.2019, -18.2477**.

Distribution



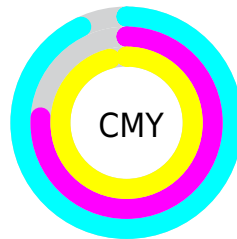
- Red (7%)
- Green (24%)
- Blue (4%)



- Red (4%)
- Yellow (24%)
- Blue (20%)



- Cyan (69%)
- Magenta (0%)
- Yellow (84%)
- Black (76%)





- Cyan (93%)
- Magenta (76%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 42.6280, -16.0856, -20.7218 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 42.6280, -16.0856, -20.7218 by changing the saturation by 10% instead.


 42.6280, -16.0856,
-20.7218


 42.6280, -16.0856,
-20.7218

 253.0620, -7.4256,
1.6996


 22.8930, -11.2862,
-20.0772


 90.5850, -17.5434,
-19.8070


 7.6310, -3.7621,
-6.6924

 116.0580,
-18.2696, -20.2219

 0.0000, 0.0000,
0.0000


 141.5310,
-18.9958, -20.6367


 168.4170,
-19.4326, -20.5367


 195.8900,
-20.1588, -20.9515


 223.4770,


-20.4482, -21.4663


 241.7970,
-15.6759, -12.1000


 42.6280, -16.0856,
-20.7218


 42.6280, -16.0856,
-20.7218


 40.4490, -17.9694,
-23.1958


 44.8070, -14.2019,
-18.2477

 39.0960, -19.2743,
-24.6402

 46.9860, -12.3181,
-15.7737

 49.1650, -10.4343,
-13.2997

 51.3440, -8.5506,
-10.8257

 53.6370, -6.2300,
-8.4516

■ 55.8160, -4.3463,
-5.9776

■ 57.9950, -2.4625,
-3.5036

■ 60.1740, -0.5788,
-1.0296

■ 62.3530, 1.3050,
1.4444

Harmonies

Analogous

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



48.1320, -23.7291, 4.2692



42.6280, -16.0856, -20.7218



41.9000, -1.9227, -36.7463

Triad

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



42.6280, -16.0856, -20.7218



46.6030, 28.7897, -40.8708



48.5480, -4.2142, 45.1234

Complementary

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



42.6280, -16.0856, -20.7218



28.3720, 16.0856, 20.7218

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.



51.0060, 7.8850, 37.7057



42.6280, -16.0856, -20.7218



46.6910, 28.7463, -26.9160

Square

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



42.6280, -16.0856, -20.7218



47.8280, 20.7908, -41.9452



54.1970, 18.1439, 13.8592



49.4750, -16.9962, 38.1714

Rectangle

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



42.6280, -16.0856, -20.7218



44.6530, 6.0871, -39.1607



54.1970, 18.1439, 13.8592



48.6880, 0.1538, 44.1236

Sweetspot

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



42.6280, -16.0856, -20.7218



71.9360, -6.3774, -7.8369



49.9030, -19.6722, 9.7321



36.6420, -3.7675, -4.9480



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



42.6280, -16.0856, -20.7218



50.5590, -24.9256, -32.0622



41.7610, -7.7702, -27.8544



29.7610, -0.8682, -1.5444



60.2610, -29.7087, -37.9399



141.9750, -69.9937, -90.3091

Inverse Universe

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



28.3720, 16.0856, 20.7218



28.4410, 24.9256, 32.0622



29.2390, 7.7702, 27.8544



28.9400, 1.0156, 0.9296



34.0380, 29.5613, 38.5547



80.0250, 69.9937, 90.3091

Previews

White Background



This preview shows how the YUV color 42.6280, -16.0856, -20.7218 looks on a white background.

Color Contrast Check

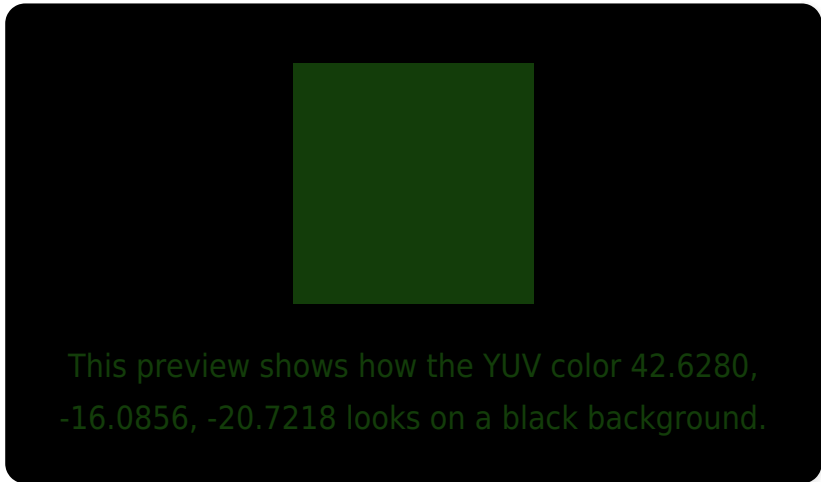
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 42.6280, -16.0856, -20.7218

Background



This preview shows how black text looks on a background with the YUV color 42.6280, -16.0856, -20.7218.



This preview shows how white text looks on a background with the YUV color 42.6280, -16.0856, -20.7218.

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

42.6280, -16.0856, -20.7218

Protanopia

49.6640, -20.5404, 8.1877

Deuteranopia

50.9080, -17.2096, 13.2357



Tritanopia

49.6820, 5.5798, -16.3841

Trichromacy



Original Color

42.6280, -16.0856, -20.7218

Protanomaly

47.0540, -18.7606, -2.6784

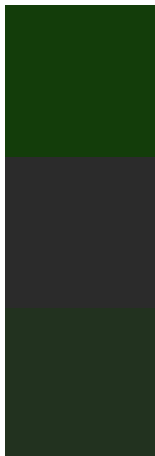
Deuteranomaly

47.9450, -16.7349, 0.9252

Tritanomaly

46.9070, -2.4192, -17.4584

Monochromacy



Original Color

42.6280, -16.0856, -20.7218

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0500, -5.9406, -7.9368

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6280, -16.0856, -20.7218 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(19, 61, 10)` looks like.

```
.text, #text, p{  
    color:rgb(19, 61, 10)  
}
```

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(19, 61, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 61, 10) }
```

Border

The CSS property to change the border of an element to YUV 42.6280, -16.0856, -20.7218 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(19, 61, 10) }
```


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

```
.border{ border-color:rgb(19, 61, 10) }
```

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

Here you see how a box with a 4 pixel rgb(19, 61, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 61, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 61, 10);  
box-shadow:4px 4px 4px 4px rgb(19, 61, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.6280, -16.0856, -20.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 61, 10) }
```

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

```
.background{ background-color: rgb(19, 61,  
10) }
```

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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