

Converting Colors

YUV(79.2630, -29.2167, -9.0007)

Have a look what the booklet for
YUV(79.2630, -29.2167, -9.0007)
contains.

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Color

**YUV(79.2630, -29.2167,
-9.0007)**

Conversions

Conversions Part 1

Format	Color
Hex	456014
RGB	69, 96, 20
RGB Percent	27%, 38%, 8%
CMY	0.7294, 0.6235, 0.9216
CMYK	0.28, 0.00, 0.79, 0.62
HSL	81°, 66%, 23%
HSV	81°, 79%, 38%
XYZ	6.7634, 9.6815, 2.1741
YIQ	79.2630, 8.3040, -29.3600

Conversions

Conversions Part 2

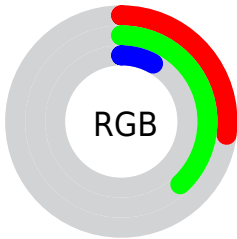
Format	Color
R_{YB}	20, 96, 47
Decimal	4546580
CIE _{Lab}	37.26, -22.39, 37.58
CIE _{LCh}	37, 43.744, 120.793
Yxy	9.6815, 0.3633, 0.5200
Android (android.graphics.Color)	4282736660 (0xFF456014)
YUV	79.2630, -29.2167, -9.0007
Hunter-Lab	31.1150, -15.6513, 17.6378

Details

The YUV color **79.2630, -29.2167, -9.0007** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **36.7370, 29.2167, 9.0007**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0350, -30.0903, -8.8007**, and **35.0420, -17.2757, -12.3148** is the 20% darker color. If you saturate the color by 10%, you get **77.2260, -33.1424, -9.8452**, and if you desaturate by 10%, it is **81.3000, -25.2909, -8.1561**.

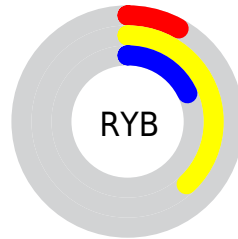
Distribution



Red (27%)

Green (38%)

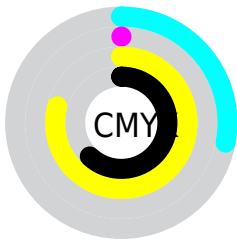
Blue (8%)



Red (8%)

Yellow (38%)

Blue (18%)

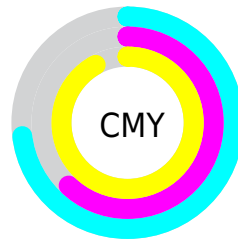


Cyan (28%)

Magenta (0%)

Yellow (79%)

Black (62%)



Cyan (73%)


Magenta (62%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.2630, -29.2167, -9.0007 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 79.2630, -29.2167, -9.0007 by changing the saturation by 10% instead.


 79.2630, -29.2167,
-9.0007

 79.2630, -29.2167,
-9.0007


255.0000, 0.0000,
0.0000

 55.7190, -27.4695,
-9.4006


 130.0350,
-30.0903, -8.8007


 35.0420, -17.2757,
-12.3148


 156.2200,
-30.6745, -8.0859

 17.6100, -8.6817,
-15.4440

 183.6930,
-31.4006, -8.5008


 0.0000, 0.0000,
0.0000


 211.4650,
-32.2742, -8.3008


 238.1770,
-32.1323, -7.1712


 248.8440,


-23.5871, 5.3988


 252.0360,
-11.3567, 2.5994


 79.2630, -29.2167,
-9.0007

 79.2630, -29.2167,
-9.0007


 77.2260, -33.1424,
-9.8452


 81.3000, -25.2909,
-8.1561


 75.0040, -36.4840,
-11.4045

 83.5220, -21.9493,
-6.5968

 74.8900, -36.9208,
-11.3045

 85.5590, -18.0236,
-5.7522

 87.7810, -14.6820,
-4.1929

 89.8180, -10.7563,
-3.3484

■ 91.8550, -6.8305,
-2.5038

■ 94.0770, -3.4890,
-0.9445

■ 96.1140, 0.4368,
-0.1000

■ 98.3360, 3.7784,
1.4593

Harmonies

Analogous

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



82.0340, -38.4708, 19.2642



79.2630, -29.2167, -9.0007



65.9870, -7.3886, -56.9936

Triad

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



79.2630, -29.2167, -9.0007



75.6860, 36.1438, -66.3766



85.9930, 0.9895, 56.1341

Complementary

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



79.2630, -29.2167, -9.0007



36.7370, 29.2167, 9.0007

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.



89.5850, 16.4736, 36.3210



79.2630, -29.2167, -9.0007



71.4290, 42.6795, -62.6432

Square

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



79.2630, -29.2167, -9.0007



75.0700, 23.6295, -65.8364



89.0840, 29.5386, -0.9507



84.7530, -15.1612, 56.3446

Rectangle

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



79.2630, -29.2167, -9.0007



69.5980, 2.6632, -61.0374



89.0840, 29.5386, -0.9507



86.7520, 6.5313, 51.9605

Sweetspot

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



79.2630, -29.2167, -9.0007



118.2910, -11.4825, -3.7632



58.5730, -19.0165, 32.8235



59.7410, -7.2673, -2.4039



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



79.2630, -29.2167, -9.0007



98.8760, -45.7879, -13.9233



67.9010, -23.6152, -32.3622



47.2450, -1.5998, -0.2149



87.2720, -43.0251, -13.3935



187.2250, -92.3019, -28.2613

Inverse Universe

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



36.7370, 29.2167, 9.0007



32.1240, 45.7879, 13.9233



48.0990, 23.6152, 32.3622



44.7550, 1.5998, 0.2149



24.7280, 43.0251, 13.3935



52.7750, 92.3019, 28.2613

Previews

White Background



This preview shows how the YUV color 79.2630, -29.2167, -9.0007 looks on a white background.

Color Contrast Check

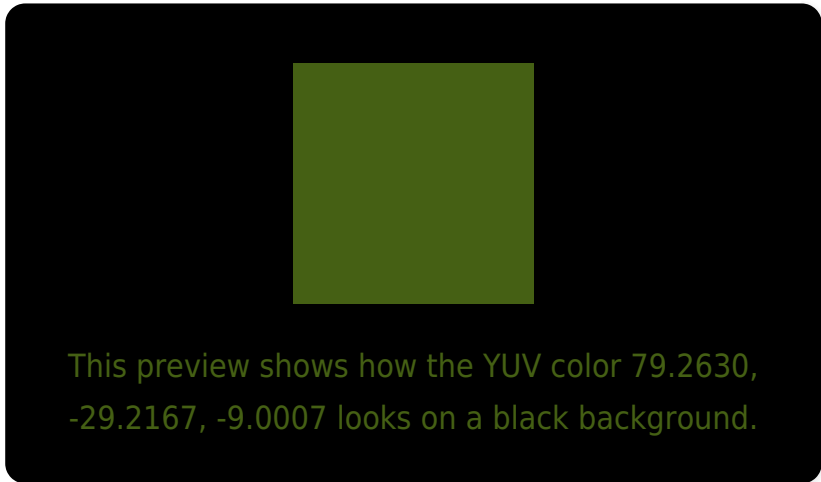
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.2630, -29.2167, -9.0007

Background



This preview shows how black text looks on a background with the YUV color 79.2630, -29.2167, -9.0007.



This preview shows how white text looks on a background with the YUV color 79.2630, -29.2167, -9.0007.

-9.0007.

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

79.2630, -29.2167, -9.0007

Protanopia

83.0100, -32.0499, 13.1462

Deuteranopia

84.5750, -28.8775, 22.2977



Tritanopia

86.6230, 5.1159, -7.5624

Trichromacy



Original Color

79.2630, -29.2167, -9.0007

Protanomaly

81.5960, -30.8598, 4.7393

Deuteranomaly

82.7970, -28.9869, 10.7020

Tritanomaly

84.2950, -7.5404, -8.1517

Monochromacy



Original Color

79.2630, -29.2167, -9.0007

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9320, -10.3195, -3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.2630, -29.2167, -9.0007 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(69, 96, 20)` looks like.

```
.text, #text, p{  
    color:rgb(69, 96, 20)  
}
```

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(69, 96, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 96, 20) }
```

Border

The CSS property to change the border of an element to YUV 79.2630, -29.2167, -9.0007 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(69, 96, 20) }
```


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

```
.border{ border-color:rgb(69, 96, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 96, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 96, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 96, 20);  
box-shadow:4px 4px 4px 4px rgb(69, 96, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.2630, -29.2167, -9.0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 96, 20) }
```

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

```
.background{ background-color: rgb(69, 96,  
20) }
```

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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