

Converting Colors

YUV(92.6860, -27.4532,
-14.6336)

Have a look what the booklet for
YUV(92.6860, -27.4532, -14.6336)
contains.

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Color

**YUV(92.6860, -27.4532,
-14.6336)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7025
RGB	76, 112, 37
RGB Percent	30%, 44%, 15%
CMY	0.7020, 0.5608, 0.8549
CMYK	0.32, 0.00, 0.67, 0.56
HSL	89°, 50%, 29%
HSV	89°, 67%, 44%
XYZ	9.1086, 13.2584, 3.8293
YIQ	92.6860, 2.6190, -30.9570

Conversions

Conversions Part 2

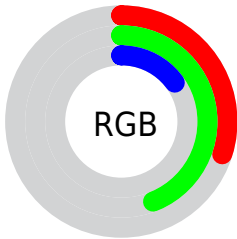
Format	Color
R_{YB}	37, 112, 73
Decimal	5009445
CIE _{Lab}	43.15, -26.15, 36.46
CIE _{LCh}	43, 44.864, 125.649
Yxy	13.2584, 0.3477, 0.5061
Android (android.graphics.Color)	4283199525 (0xFF4C7025)
YUV	92.6860, -27.4532, -14.6336
Hunter-Lab	36.4121, -19.0689, 19.2532

Details

The YUV color **92.6860, -27.4532, -14.6336** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **56.3140, 27.4532, 14.6336**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3440, -28.7636, -14.3337**, and **45.6410, -22.5010, -16.3482** is the 20% darker color. If you saturate the color by 10%, you get **89.9370, -31.5209, -16.6077**, and if you desaturate by 10%, it is **95.4350, -23.3855, -12.6595**.

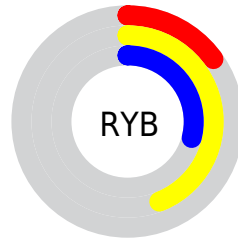
Distribution



 Red (30%)

 Green (44%)

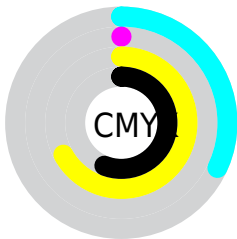
 Blue (15%)



 Red (15%)

 Yellow (44%)

 Blue (29%)

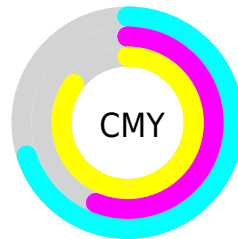


 Cyan (32%)


 Magenta (0%)

 Yellow (67%)

 Black (56%)



 Cyan (70%)

 Magenta (56%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.6860, -27.4532, -14.6336 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 92.6860, -27.4532, -14.6336 by changing the saturation by 10% instead.

■ 92.6860, -27.4532,
-14.6336

■ 92.6860, -27.4532,
-14.6336

255.0000, 0.0000,
0.0000

■ 67.5720, -27.8900,
-14.5336

■ 144.3440,
-28.7636, -14.3337

■ 45.6410, -22.5010,
-16.3482

■ 170.8170,
-29.4898, -14.7485

■ 24.0670, -11.8650,
-21.1068

■ 198.5890,
-30.3634, -14.5486

■ 11.1530, -5.4984,
-9.7812

■ 227.0620,
-31.0896, -14.9634

■ 0.0000, 0.0000,
0.0000

■ 242.9200,
-25.5966, -3.4378

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

92.6860, -27.4532,
-14.6336

92.6860, -27.4532,
-14.6336

89.9370, -31.5209,
-16.6077

95.4350, -23.3855,
-12.6595

86.8890, -35.4413,
-19.1967

98.4830, -19.4651,
-10.0706

84.0260, -39.9458,
-21.0708

101.3460,
-14.9606, -8.1964

83.0860, -40.9614,
-22.0004

104.3940,
-11.0402, -5.6075

107.1430, -6.9725,
-3.6334

■ 109.8920, -2.9048,
-1.6593

■ 112.9400, 1.0156,
0.9296

■ 115.8030, 5.5201,
2.8038

■ 118.5520, 9.5879,
4.7779

Harmonies

Analogous

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



96.4250, -38.1705, 16.2903



92.6860, -27.4532, -14.6336



77.2460, -3.5723, -67.7447

Triad

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



92.6860, -27.4532, -14.6336



86.1840, 40.8283, -75.5834



100.8040, -2.3684, 59.8079

Complementary

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



92.6860, -27.4532, -14.6336



56.3140, 27.4532, 14.6336

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.



104.0480, 14.2733, 42.0539



92.6860, -27.4532, -14.6336



89.7830, 42.5050, -53.3067

Square

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



92.6860, -27.4532, -14.6336



86.2690, 28.4614, -75.6579



104.3130, 28.9327, 6.7415



99.7270, -19.0924, 57.2444

Rectangle

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



92.6860, -27.4532, -14.6336



80.6830, 7.0583, -70.7590



104.3130, 28.9327, 6.7415



101.9760, 3.4628, 56.1490

Sweetspot

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



92.6860, -27.4532, -14.6336



137.5080, -10.6034, -5.7075



79.9700, -21.1842, 28.0903



69.2570, -6.5357, -3.7334



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



92.6860, -27.4532, -14.6336



115.3310, -42.5612, -22.2153



81.6230, -21.9991, -37.3804



54.4190, -2.1786, -1.2445



88.9780, -43.8662, -23.6597



183.5600, -90.4951, -47.8491

Inverse Universe

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



56.3140, 27.4532, 14.6336



58.9680, 42.4138, 22.8301



67.3770, 21.9991, 37.3804



51.5810, 2.1786, 1.2445



31.0220, 43.8662, 23.6597



63.7390, 90.3477, 48.4639

Previews

White Background



This preview shows how the YUV color 92.6860, -27.4532, -14.6336 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



This preview shows how the YUV color 92.6860, -27.4532, -14.6336 looks on a 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 92.6860, -27.4532, -14.6336

Background



This preview shows how black text looks on a background with the YUV color 92.6860, -27.4532, -14.6336.



This preview shows how white text looks on a background with the YUV color 92.6860, -27.4532, -14.6336.

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

92.6860, -27.4532, -14.6336

Protanopia

97.8360, -31.4711, 14.1758

Deuteranopia

99.4010, -28.2987, 23.3273



Tritanopia

100.2310, 6.2951, -12.4806

Trichromacy



Original Color

92.6860, -27.4532, -14.6336

Protanomaly

96.1120, -30.1282, 3.4098

Deuteranomaly

96.7260, -27.9659, 9.8873

Tritanomaly

97.6040, -6.2138, -13.6847

Monochromacy



Original Color

92.6860, -27.4532, -14.6336

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0350, -9.8773, -5.2927

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.6860, -27.4532, -14.6336 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(76, 112, 37)` looks like.

```
.text, #text, p{  
    color:rgb(76, 112, 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(76, 112, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 112, 37) }
```

Border

The CSS property to change the border of an element to YUV 92.6860, -27.4532, -14.6336 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(76, 112, 37) }
```


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

```
.border{ border-color:rgb(76, 112, 37) }
```

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

Here you see how a box with a 4 pixel rgb(76, 112, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 112, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 112, 37);  
box-shadow:4px 4px 4px 4px rgb(76, 112,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 92.6860, -27.4532, -14.6336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 112, 37) }
```

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

```
.background{ background-color: rgb(76, 112,  
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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