

Converting Colors

YUV(61.2530, 16.1443,
-44.9489)

Have a look what the booklet for
YUV(61.2530, 16.1443, -44.9489)
contains.

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Color

**YUV(61.2530, 16.1443,
-44.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	0A515E
RGB	10, 81, 94
RGB Percent	4%, 32%, 37%
CMY	0.9608, 0.6824, 0.6314
CMYK	0.89, 0.14, 0.00, 0.63
HSL	189°, 81%, 20%
HSV	189°, 89%, 37%
XYZ	5.0880, 6.7575, 11.6258
YIQ	61.2530, -46.4890, -11.0090

Conversions

Conversions Part 2

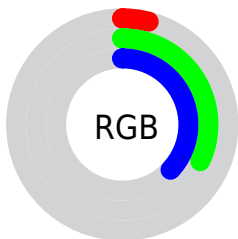
Format	Color
R_{YB}	10, 48, 94
Decimal	676190
CIE _{Lab}	31.25, -15.22, -13.42
CIE _{LCh}	31, 20.289, 221.407
Yxy	6.7575, 0.2168, 0.2879
Android (android.graphics.Color)	4278866270 (0xFF0A515E)
YUV	61.2530, 16.1443, -44.9489
Hunter-Lab	25.9953, -10.5544, -8.3195

Details

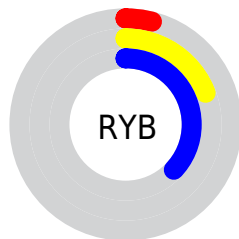
The YUV color **61.2530, 16.1443, -44.9489** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **42.7470, -16.1443, 44.9489**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.2540, 14.6648, -37.0568**, and **26.6040, 10.5482, -23.3317** is the 20% darker color. If you saturate the color by 10%, you get **57.9750, 17.7603, -49.9671**, and if you desaturate by 10%, it is **64.5310, 14.5282, -39.9307**.

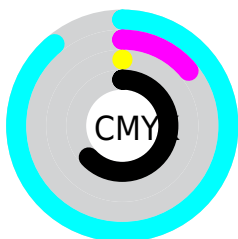
Distribution



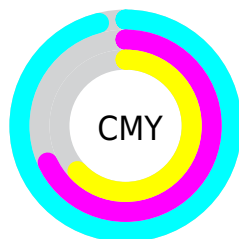
- Red (4%)
- Green (32%)
- Blue (37%)



- Red (4%)
- Yellow (19%)
- Blue (37%)



- Cyan (89%)
- Magenta (14%)
- Yellow (0%)
- Black (63%)



- Cyan (96%)
- Magenta (68%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2530, 16.1443, -44.9489 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 61.2530, 16.1443, -44.9489 by changing the saturation by 10% instead.

61.2530, 16.1443,
-44.9489

61.2530, 16.1443,
-44.9489

255.0000, 0.0000,
0.0000

42.0260, 13.7912,
-36.8568

114.2540, 14.6648,
-37.0568

26.6040, 10.5482,
-23.3317

140.9550, 14.8122,
-37.6715

8.9480, 8.8996,
-7.8474

167.9550, 14.8122,
-37.6715

0.0000, 0.0000,
0.0000

195.0690, 15.2490,
-37.7715

223.7700, 15.3964,
-38.3863

241.2460, 6.7807,

-28.2797

■ 249.9170, 2.5059,
-10.4512

■ 61.2530, 16.1443,
-44.9489

■ 61.2530, 16.1443,
-44.9489

■ 57.9750, 17.7603,
-49.9671

■ 64.5310, 14.5282,
-39.9307

■ 57.0890, 18.1971,
-50.0671

■ 68.6950, 12.4754,
-34.8125

■ 71.9730, 10.8593,
-29.7943

■ 76.1370, 8.8065,
-24.6761

■ 79.4150, 7.1904,
-19.6580

■ 83.2800, 5.2850,
-15.1546

■ 86.8570, 3.5215,
-9.5216

■ 90.7220, 1.6161,
-5.0182

■ 94.2990, -0.1474,
0.6148

Harmonies

Analogous

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



62.8210, 7.9762, -38.4310



61.2530, 16.1443, -44.9489



67.6940, 17.4059, -29.5496

Triad

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



61.2530, 16.1443, -44.9489



75.8590, 4.0135, 19.4177



72.1350, -14.8566, 5.1436

Complementary

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



61.2530, 16.1443, -44.9489



42.7470, -16.1443, 44.9489

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.



73.3260, -14.4577, 17.2541



61.2530, 16.1443, -44.9489



74.9540, -3.4283, 26.3503

Square

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



61.2530, 16.1443, -44.9489



75.2040, 10.7454, 6.8371



74.1080, -10.4062, 24.4613



70.1980, -10.4506, -8.0666

Rectangle

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



61.2530, 16.1443, -44.9489



71.5430, 16.4943, -17.1392



74.1080, -10.4062, 24.4613



72.4560, -15.0148, 9.2471

Sweetspot

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



61.2530, 16.1443, -44.9489



109.1980, 6.3114, -17.7136



60.7900, -18.6305, -44.5428



53.5580, 3.6689, -10.1364



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



61.2530, 16.1443, -44.9489



74.3690, 23.4821, -65.2216



36.5990, 28.2987, -23.3273



43.9180, 1.0264, -2.5591



67.1310, 21.1344, -58.8739



144.4180, 45.6429, -126.6546

Inverse Universe

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



43.2100, 18.6305, 44.5428



48.2200, 27.0065, 64.7051



67.4010, -28.2987, 23.3273



42.9510, 1.0102, 2.6740



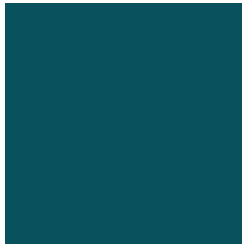
43.4920, 24.4074, 58.3275



93.6630, 52.4241, 125.7065

Previews

White Background



This preview shows how the YUV color 61.2530, 16.1443, -44.9489 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



This preview shows how the YUV color 61.2530, 16.1443, -44.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

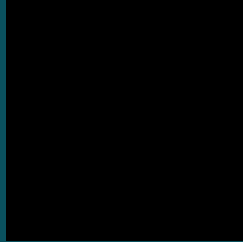
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.2530, 16.1443, -44.9489

Background



This preview shows how black text looks on a background with the YUV color 61.2530, 16.1443, -44.9489.



This preview shows how white text looks on a background with the YUV color 61.2530, 16.1443, -44.9489.

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

61.2530, 16.1443, -44.9489

Protanopia

73.8130, 6.9942, -3.3440

Deuteranopia

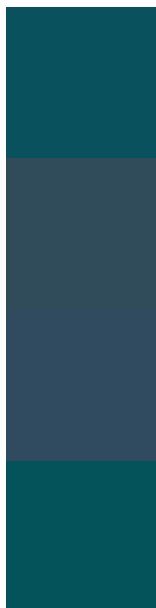
73.8390, 10.9254, -4.2438



Tritanopia

58.1660, 14.7082, -51.0116

Trichromacy



Original Color

61.2530, 16.1443, -44.9489

Protanomaly

69.2240, 10.2426, -18.6134

Deuteranomaly

69.2070, 12.7159, -18.5985

Tritanomaly

59.5900, 14.9921, -48.7524

Monochromacy



Original Color

61.2530, 16.1443, -44.9489

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.7960, 6.0166, -16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2530, 16.1443, -44.9489 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(10, 81, 94)` looks like.

```
.text, #text, p{  
    color:rgb(10, 81, 94)  
}
```

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(10, 81, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 81, 94) }
```

Border

The CSS property to change the border of an element to YUV 61.2530, 16.1443, -44.9489 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(10, 81, 94) }
```


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

```
.border{ border-color:rgb(10, 81, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 81, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 81, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 81, 94);  
box-shadow:4px 4px 4px 4px rgb(10, 81, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.2530, 16.1443, -44.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 81, 94) }
```

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

```
.background{ background-color: rgb(10, 81,  
94) }
```

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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