

Converting Colors

YUV(61.2430, 14.6702,
-38.8011)

Have a look what the booklet for
YUV(61.2430, 14.6702, -38.8011)
contains.

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Color

**YUV(61.2430, 14.6702,
-38.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	114E5B
RGB	17, 78, 91
RGB Percent	7%, 31%, 36%
CMY	0.9333, 0.6941, 0.6431
CMYK	0.81, 0.14, 0.00, 0.64
HSL	191°, 69%, 21%
HSV	191°, 81%, 36%
XYZ	4.8439, 6.3233, 10.8627
YIQ	61.2430, -40.5290, -8.8890

Conversions

Conversions Part 2

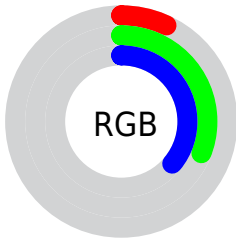
Format	Color
R_{YB}	17, 50, 91
Decimal	1134171
CIE _{Lab}	30.21, -13.82, -13.08
CIE _{LCh}	30, 19.029, 223.422
Yxy	6.3233, 0.2199, 0.2870
Android (android.graphics.Color)	4279324251 (0xFF114E5B)
YUV	61.2430, 14.6702, -38.8011
Hunter-Lab	25.1461, -9.6214, -8.0101

Details

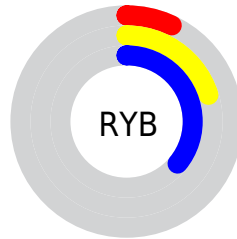
The YUV color **61.2430, 14.6702, -38.8011** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **46.7570, -14.6702, 38.8011**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7490, 13.9277, -33.9829**, and **25.0880, 9.8166, -22.0022** is the 20% darker color. If you saturate the color by 10%, you get **57.3780, 16.5756, -43.3045**, and if you desaturate by 10%, it is **65.1080, 12.7648, -34.2977**.

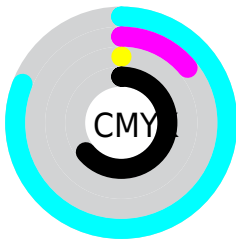
Distribution



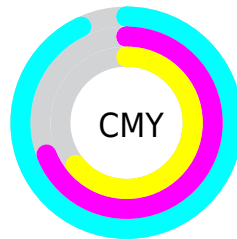
- Red (7%)
- Green (31%)
- Blue (36%)



- Red (7%)
- Yellow (20%)
- Blue (36%)



- Cyan (81%)
- Magenta (14%)
- Yellow (0%)
- Black (64%)



- Cyan (93%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2430, 14.6702, -38.8011 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 61.2430, 14.6702, -38.8011 by changing the saturation by 10% instead.

61.2430, 14.6702,
-38.8011

61.2430, 14.6702,
-38.8011

255.0000, 0.0000,
0.0000

40.0370, 13.7858,
-35.1124

112.7490, 13.9277,
-33.9829

25.0880, 9.8166,
-22.0022

138.8630, 14.3645,
-34.0829

4.6110, 10.0518,
-4.0438

165.8630, 14.3645,
-34.0829

0.0000, 0.0000,
0.0000

193.5640, 14.5119,
-34.6976

221.2650, 14.6594,
-35.3124

241.5450, 6.6333,

-27.6650

250.2160, 2.3585,
-9.8364

61.2430, 14.6702,
-38.8011

61.2430, 14.6702,
-38.8011

57.3780, 16.5756,
-43.3045

65.1080, 12.7648,
-34.2977

54.3990, 18.0443,
-47.7079

68.3860, 11.1487,
-29.2795

72.2510, 9.2433,
-24.7761

75.5290, 7.6272,
-19.7579

79.6930, 5.5744,
-14.6398

■ 83.5580, 3.6689,
-10.1364

■ 86.8360, 2.0529,
-5.1182

■ 90.7010, 0.1474,
-0.6148

■ 93.9790, -1.4686,
4.4034

Harmonies

Analogous

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



61.7290, 7.5286, -34.8423



61.2430, 14.6702, -38.8011



66.3740, 16.0846, -25.7610

Triad

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



61.2430, 14.6702, -38.8011



73.3320, 3.2873, 19.0028



69.1780, -13.3988, 4.2289

Complementary

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



61.2430, 14.6702, -38.8011



46.7570, -14.6702, 38.8011

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.



70.5430, -13.5787, 15.3098



61.2430, 14.6702, -38.8011



72.5300, -3.7123, 24.0912

Square

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



61.2430, 14.6702, -38.8011



72.9760, 9.8718, 7.0370



72.0970, -10.4008, 22.7169



67.5400, -9.1402, -8.3666

Rectangle

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



61.2430, 14.6702, -38.8011



69.5110, 15.0311, -14.4801



72.0970, -10.4008, 22.7169



69.9720, -14.2832, 7.9176

Sweetspot

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



61.2430, 14.6702, -38.8011



105.6930, 5.5744, -14.6398



61.8060, -16.1734, -39.2949



52.1560, 3.3741, -8.9068



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



61.2430, 14.6702, -38.8011



70.8750, 22.7396, -60.4034



40.1110, 25.0883, -20.2683



43.9180, 1.0264, -2.5591



65.3700, 22.0026, -57.3295



141.4830, 47.0899, -124.0806

Inverse Universe

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



46.0800, 15.7366, 39.3948



47.2150, 24.5440, 61.2014



67.8890, -25.0883, 20.2683



42.9510, 1.0102, 2.6740



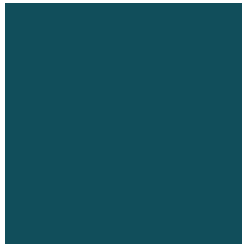
43.1500, 23.0970, 58.6274



93.0930, 50.2402, 126.2064

Previews

White Background



This preview shows how the YUV color 61.2430, 14.6702, -38.8011 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 61.2430, 14.6702, -38.8011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

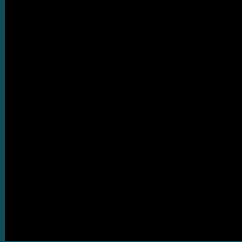
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.2430, 14.6702, -38.8011

Background



This preview shows how black text looks on a background with the YUV color 61.2430, 14.6702, -38.8011.



This preview shows how white text looks on a background with the YUV color 61.2430, 14.6702,

-38.8011.

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

61.2430, 14.6702, -38.8011

Protanopia

71.2260, 7.2836, -2.8292

Deuteranopia

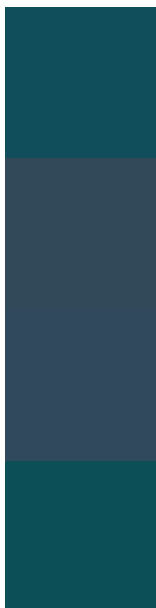
71.4260, 10.6360, -4.7586



Tritanopia

58.7540, 12.9393, -43.6343

Trichromacy



Original Color

61.2430, 14.6702, -38.8011

Protanomaly

67.5340, 10.0897, -16.2543

Deuteranomaly

67.6910, 11.9843, -17.2690

Tritanomaly

59.8790, 13.3707, -41.9899

Monochromacy



Original Color

61.2430, 14.6702, -38.8011

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9920, 5.4269, -14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2430, 14.6702, -38.8011 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(17, 78, 91)` looks like.

```
.text, #text, p{  
    color:rgb(17, 78, 91)  
}
```

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(17, 78, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 78, 91) }
```

Border

The CSS property to change the border of an element to YUV 61.2430, 14.6702, -38.8011 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(17, 78, 91) }
```


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

```
.border{ border-color:rgb(17, 78, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 78, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 78, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 78, 91);  
box-shadow:4px 4px 4px 4px rgb(17, 78, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.2430, 14.6702, -38.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 78, 91) }
```

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

```
.background{ background-color: rgb(17, 78,  
91) }
```

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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