

Converting Colors

YUV(135.6410, 4.1210,
-61.9522)

Have a look what the booklet for
YUV(135.6410, 4.1210, -61.9522)
contains.

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Color

**YUV(135.6410, 4.1210,
-61.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	41AA90
RGB	65, 170, 144
RGB Percent	25%, 67%, 56%
CMY	0.7451, 0.3333, 0.4353
CMYK	0.62, 0.00, 0.15, 0.33
HSL	165°, 45%, 46%
HSV	165°, 62%, 67%
XYZ	21.5887, 31.8869, 31.4025
YIQ	135.6410, -54.2340, -30.3460

Conversions

Conversions Part 2

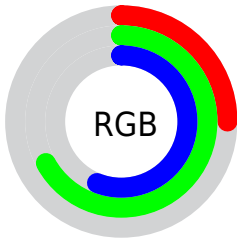
Format	Color
RYB	65, 125, 170
Decimal	4303504
CIELab	63.25, -36.52, 4.50
CIElCh	63, 36.798, 172.979
Yxy	31.8869, 0.2543, 0.3757
Android (android.graphics.Color)	4282493584 (0xFF41AA90)
YUV	135.6410, 4.1210, -61.9522
Hunter-Lab	56.4685, -30.5766, 6.5564

Details

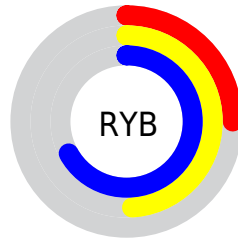
The YUV color **135.6410, 4.1210, -61.9522** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **99.3590, -4.1210, 61.9522**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0110, 2.9526, -60.5226**, and **79.3950, 7.2003, -69.6294** is the 20% darker color. If you saturate the color by 10%, you get **130.1020, 4.8797, -72.0035**, and if you desaturate by 10%, it is **141.1800, 3.3623, -51.9009**.

Distribution



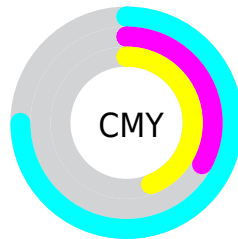
- Red (25%)
- Green (67%)
- Blue (56%)



- Red (25%)
- Yellow (49%)
- Blue (67%)



- Cyan (62%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)




- Cyan (75%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6410, 4.1210, -61.9522 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 135.6410, 4.1210, -61.9522 by changing the saturation by 10% instead.

 135.6410, 4.1210,
-61.9522

 135.6410, 4.1210,
-61.9522


255.0000, 0.0000,
0.0000

 106.3630, 5.7370,
-66.9704


 192.0110, 2.9526,
-60.5226

 79.3950, 7.2003,
-69.6294


 220.8970, 2.5158,
-60.4227


 61.9840, 3.9519,
-54.3600


 232.7600, 10.4713,
-45.3935

 44.8010, 1.5771,
-39.2905

 241.5450, 6.6333,
-27.6650

 29.4930, -1.2290,
-25.8654

 250.2160, 2.3585,
-9.8364

 11.7400, -5.7878,
-10.2960

 0.0000, 0.0000,

0.0000

■ 135.6410, 4.1210,
-61.9522

■ 135.6410, 4.1210,
-61.9522

■ 130.1020, 4.8797,
-72.0035

■ 141.1800, 3.3623,
-51.9009

■ 124.5630, 5.6384,
-82.0548

■ 146.7190, 2.6035,
-41.8496

■ 118.9100, 5.9604,
-92.0061

■ 152.3720, 2.2816,
-31.8982

■ 114.3820, 6.7137,
-100.3130

■ 157.9110, 1.5229,
-21.8469

■ 163.4500, 0.7642,
-11.7956

■ 168.9890, 0.0054,
-1.7444

■ 174.5280, -0.7533,
8.3069

■ 180.1810, -1.0752,
18.2583

■ 185.7200, -1.8340,
28.3096

Harmonies

Analogous

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



143.5130, -15.0429, -28.5139



135.6410, 4.1210, -61.9522



120.0820, 28.5536, -105.3119

Triad

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



135.6410, 4.1210, -61.9522



153.9260, 29.1235, -7.8281



153.3420, -25.3116, 45.3041

Complementary

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



135.6410, 4.1210, -61.9522



99.3590, -4.1210, 61.9522

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.



155.0130, -12.8244, 53.4856



135.6410, 4.1210, -61.9522



157.7470, 17.3797, 25.6549

Square

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



135.6410, 4.1210, -61.9522



145.0950, 35.9422, -48.3183



156.6930, 2.6164, 47.6272



151.6140, -31.3617, 25.7715

Rectangle

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



135.6410, 4.1210, -61.9522



121.0740, 37.4315, -106.1819



156.6930, 2.6164, 47.6272



154.2870, -21.8335, 49.7373

Sweetspot

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



135.6410, 4.1210, -61.9522



208.1880, 1.3863, -24.7209



134.4090, -34.2186, -38.0697



103.5420, 1.2118, -15.3843



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



135.6410, 4.1210, -61.9522



168.2900, 6.2660, -96.7243



123.3430, 23.0019, -51.1668



81.3800, 0.3057, -4.7183



99.5300, 5.6547, -87.2878



13.4500, 0.7642, -11.7957

Inverse Universe

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



99.3590, -4.1210, 61.9522



111.5960, -6.7028, 96.8243



111.6570, -23.0019, 51.1668



78.6200, -0.3057, 4.7183



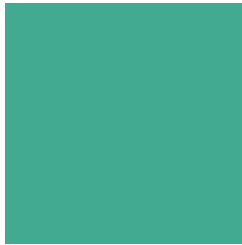
48.4700, -5.6547, 87.2878



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 135.6410, 4.1210, -61.9522 looks on a white 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

Black Background



This preview shows how the YUV color 135.6410, 4.1210, -61.9522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

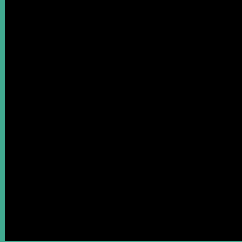
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 135.6410, 4.1210, -61.9522 Background



This preview shows how black text looks on a background with the YUV color 135.6410, 4.1210, -61.9522.

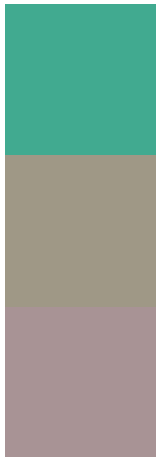


This preview shows how white text looks on a background with the YUV color 135.6410, 4.1210,

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

135.6410, 4.1210, -61.9522

Protanopia

152.0410, -8.8942, 6.1030

Deuteranopia

153.5070, -2.2220, 12.7104



Tritanopia

140.5830, 18.9396, -54.8853

Trichromacy



Original Color

135.6410, 4.1210, -61.9522

Protanomaly

146.4400, -4.1609, -18.8029

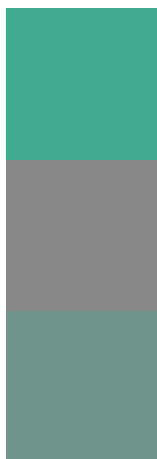
Deuteranomaly

146.9120, 0.0434, -13.9548

Tritanomaly

138.7800, 13.4195, -57.6891

Monochromacy



Original Color

135.6410, 4.1210, -61.9522

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6120, 1.6703, -22.4617

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6410, 4.1210, -61.9522 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(65, 170, 144)` looks like.

```
.text, #text, p{  
    color:rgb(65, 170, 144)  
}
```

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(65, 170, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 170, 144) }
```

Border

The CSS property to change the border of an element to YUV 135.6410, 4.1210, -61.9522 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(65, 170, 144) }
```


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

```
.border{ border-color:rgb(65, 170, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 170, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 170, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 170, 144);  
box-shadow:4px 4px 4px 4px rgb(65, 170,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 135.6410, 4.1210, -61.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 170, 144) }
```

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

```
.background{ background-color: rgb(65, 170,  
144) }
```

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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