

Converting Colors

YUV(134.6520, 4.1156,
-60.2078)

Have a look what the booklet for
YUV(134.6520, 4.1156, -60.2078)
contains.

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Color

**YUV(134.6520, 4.1156,
-60.2078)**

Conversions

Conversions Part 1

Format	Color
Hex	42A88F
RGB	66, 168, 143
RGB Percent	26%, 66%, 56%
CMY	0.7412, 0.3412, 0.4392
CMYK	0.61, 0.00, 0.15, 0.34
HSL	165°, 44%, 46%
HSV	165°, 61%, 66%
XYZ	21.2073, 31.1467, 30.8808
YIQ	134.6520, -52.7670, -29.3990

Conversions

Conversions Part 2

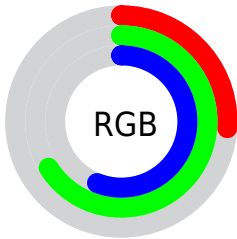
Format	Color
RYB	66, 124, 168
Decimal	4368527
CIELab	62.63, -35.67, 4.17
CIElCh	63, 35.908, 173.334
Yxy	31.1467, 0.2548, 0.3742
Android (android.graphics.Color)	4282558607 (0xFF42A88F)
YUV	134.6520, 4.1156, -60.2078
Hunter-Lab	55.8092, -29.8367, 6.2597

Details

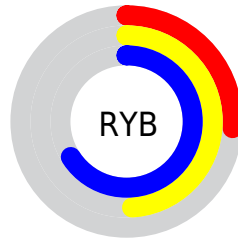
The YUV color **134.6520, 4.1156, -60.2078** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **99.3480, -4.1156, 60.2078**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0220, 2.9472, -58.7783**, and **78.1070, 7.3422, -68.4998** is the 20% darker color. If you saturate the color by 10%, you get **129.1130, 4.8743, -70.2591**, and if you desaturate by 10%, it is **140.1910, 3.3568, -50.1565**.

Distribution



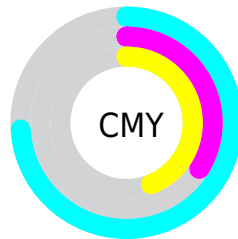
- Red (26%)
- Green (66%)
- Blue (56%)



- Red (26%)
- Yellow (49%)
- Blue (66%)



- Cyan (61%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (74%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.6520, 4.1156, -60.2078 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 134.6520, 4.1156, -60.2078 by changing the saturation by 10% instead.

■ 134.6520, 4.1156,
-60.2078

■ 134.6520, 4.1156,
-60.2078

■ 255.0000, 0.0000,
0.0000

■ 105.6730, 5.5842,
-64.6112

■ 191.0220, 2.9472,
-58.7783

■ 78.1070, 7.3422,
-68.4998

■ 219.6090, 2.6578,
-59.2931

■ 60.6960, 4.0939,
-53.2304

■ 232.6460, 10.0345,
-45.2935

■ 44.1000, 1.4297,
-38.6757

■ 241.5450, 6.6333,
-27.6650

■ 28.2050, -1.0871,
-24.7358

■ 250.5150, 2.2111,
-9.2217

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,

0.0000

■ 134.6520, 4.1156,
-60.2078

■ 134.6520, 4.1156,
-60.2078

■ 129.1130, 4.8743,
-70.2591

■ 140.1910, 3.3568,
-50.1565

■ 123.5740, 5.6330,
-80.3104

■ 145.7300, 2.5981,
-40.1052

■ 118.3340, 6.2443,
-89.7469

■ 150.9700, 1.9868,
-30.6687

■ 113.0940, 6.8557,
-99.1834

■ 156.5090, 1.2281,
-20.6174

■ 162.1620, 0.9061,
-10.6661

■ 167.7010, 0.1474,
-0.6148

■ 173.2400, -0.6113,
9.4365

■ 178.4800, -1.2226,
18.8730

■ 184.0190, -1.9814,
28.9243

Harmonies

Analogous

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



141.9260, -14.7535, -27.9991



134.6520, 4.1156, -60.2078



118.6800, 28.2588, -104.0824

Triad

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



134.6520, 4.1156, -60.2078



152.9970, 28.1025, -7.0134



151.7440, -25.0168, 44.0745

Complementary

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



134.6520, 4.1156, -60.2078



99.3480, -4.1156, 60.2078

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.



153.4150, -12.5296, 52.2560



134.6520, 4.1156, -60.2078



155.6330, 16.9429, 25.7549

Square

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



134.6520, 4.1156, -60.2078



143.7640, 34.6263, -46.2740



154.9810, 2.4744, 46.4977



149.8420, -30.4881, 25.5716

Rectangle

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



134.6520, 4.1156, -60.2078



119.5580, 36.6999, -104.8524



154.9810, 2.4744, 46.4977



152.3900, -21.3913, 47.8930

Sweetspot

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



134.6520, 4.1156, -60.2078



206.3130, 1.8177, -23.0765



133.6480, -33.3505, -36.5253



102.1400, 0.9170, -14.1548



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



134.6520, 4.1156, -60.2078



166.7140, 6.5500, -94.4652



122.2400, 22.5597, -49.3225



81.3800, 0.3057, -4.7183



99.6440, 6.0915, -87.3878



13.4500, 0.7642, -11.7957

Inverse Universe

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



99.3480, -4.1156, 60.2078



111.2860, -6.5500, 94.4652



111.7600, -22.5597, 49.3225



78.6200, -0.3057, 4.7183



48.3560, -6.0915, 87.3878



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 134.6520, 4.1156, -60.2078 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 134.6520, 4.1156, -60.2078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

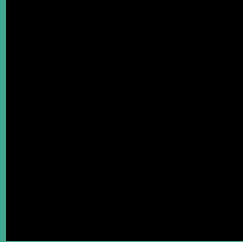
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 134.6520, 4.1156, -60.2078

Background



This preview shows how black text looks on a background with the YUV color 134.6520, 4.1156, -60.2078.

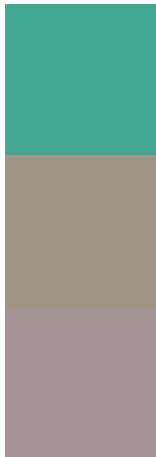


This preview shows how white text looks on a background with the YUV color 134.6520, 4.1156, -60.2078.

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

134.6520, 4.1156, -60.2078

Protanopia

150.1550, -8.4574, 6.0031

Deuteranopia

152.2080, -2.0745, 12.0956



Tritanopia

139.3660, 18.0606, -52.9410

Trichromacy



Original Color

134.6520, 4.1156, -60.2078

Protanomaly

144.8530, -3.8715, -18.2881

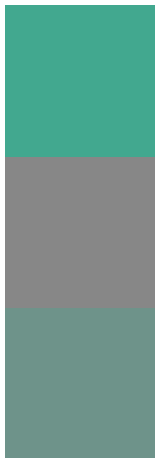
Deuteranomaly

145.9120, 0.0434, -13.9548

Tritanomaly

137.6770, 12.9772, -55.8447

Monochromacy



Original Color

134.6520, 4.1156, -60.2078

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9110, 1.5229, -21.8469

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.6520, 4.1156, -60.2078 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(66, 168, 143)` looks like.

```
.text, #text, p{  
    color:rgb(66, 168, 143)  
}
```

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(66, 168, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 168, 143) }
```

Border

The CSS property to change the border of an element to YUV 134.6520, 4.1156, -60.2078 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(66, 168, 143) }
```


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

```
.border{ border-color:rgb(66, 168, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 168, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 168, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 168, 143);  
box-shadow:4px 4px 4px 4px rgb(66, 168,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 134.6520, 4.1156, -60.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 168, 143) }
```

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

```
.background{ background-color: rgb(66, 168,  
143) }
```

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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