

Converting Colors

YUV(114.1660, -2.0538,
-41.3646)

Have a look what the booklet for
YUV(114.1660, -2.0538, -41.3646)
contains.

YUV(114.1660, -2.0538, -41.3646)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.1660, -2.0538,
-41.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	438B6E
RGB	67, 139, 110
RGB Percent	26%, 55%, 43%
CMY	0.7373, 0.4549, 0.5686
CMYK	0.52, 0.00, 0.21, 0.45
HSL	156°, 35%, 40%
HSV	156°, 52%, 55%
XYZ	14.3618, 20.7843, 18.0067
YIQ	114.1660, -33.6030, -24.2830

Conversions

Conversions Part 2

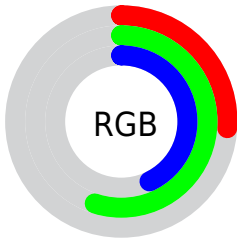
Format	Color
RYB	67, 112, 139
Decimal	4426606
CIELab	52.71, -29.86, 8.69
CIElCh	53, 31.100, 163.773
Yxy	20.7843, 0.2702, 0.3910
Android (android.graphics.Color)	4282616686 (0xFF438B6E)
YUV	114.1660, -2.0538, -41.3646
Hunter-Lab	45.5898, -23.5506, 8.4950

Details

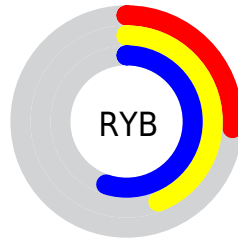
The YUV color **114.1660, -2.0538, -41.3646** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **91.8340, 2.0538, 41.3646**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6390, -2.7800, -41.7794**, and **59.9200, 1.0254, -49.0418** is the 20% darker color. If you saturate the color by 10%, you get **109.2960, -2.6109, -49.3716**, and if you desaturate by 10%, it is **119.0360, -1.4967, -33.3576**.

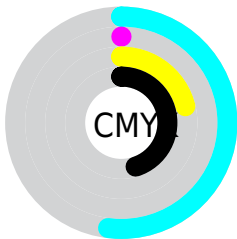
Distribution



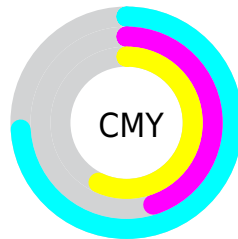
- Red (26%)
- Green (55%)
- Blue (43%)



- Red (26%)
- Yellow (44%)
- Blue (55%)



- Cyan (52%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1660, -2.0538, -41.3646 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 114.1660, -2.0538, -41.3646 by changing the saturation by 10% instead.

■ 114.1660, -2.0538,
-41.3646

■ 114.1660, -2.0538,
-41.3646

■ 255.0000, 0.0000,
0.0000

■ 88.0950, -1.0328,
-42.1793

■ 167.6390, -2.7800,
-41.7794

■ 59.9200, 1.0254,
-49.0418

■ 195.2260, -3.0694,
-42.2942

■ 42.1280, -1.0491,
-36.9463

■ 223.6990, -3.7956,
-42.7090

■ 26.9340, -3.4185,
-23.6211

■ 238.3120, 3.2972,
-30.9686

■ 9.9790, -4.9196,
-8.7516

■ 248.1230, 3.3904,
-14.1399

■ 0.0000, 0.0000,
0.0000

■ 114.1660, -2.0538,
-41.3646

■ 114.1660, -2.0538,
-41.3646

■ 109.2960, -2.6109,
-49.3716

■ 119.0360, -1.4967,
-33.3576

■ 104.5400, -2.7312,
-57.4786

■ 123.7920, -1.3765,
-25.2506

■ 99.6700, -3.2883,
-65.4856

■ 128.6620, -0.8194,
-17.2436

■ 94.9140, -3.4086,
-73.5926

■ 133.4180, -0.6991,
-9.1366

■ 91.0550, -3.9711,
-79.8552

■ 138.2880, -0.1420,
-1.1296

■ 142.8590, 0.5625,
6.2627

■ 147.6150, 0.6828,
14.3696

■ 152.4850, 1.2399,

22.3767

■ 157.2410, 1.3602,
30.4836

Harmonies

Analogous

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



119.2480, -16.3913, -16.0035



114.1660, -2.0538, -41.3646



104.7890, 16.3730, -71.7290

Triad

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



114.1660, -2.0538, -41.3646



124.9590, 25.6562, -15.7500



126.5570, -18.0226, 40.7305

Complementary

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



114.1660, -2.0538, -41.3646



91.8340, 2.0538, 41.3646

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.



127.8530, -6.8295, 43.9789



114.1660, -2.0538, -41.3646



128.7840, 17.8545, 13.3444

Square

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



114.1660, -2.0538, -41.3646



116.1890, 29.9798, -49.2778



129.4140, 5.7119, 34.7169



125.0470, -24.6732, 27.1458

Rectangle

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



114.1660, -2.0538, -41.3646



99.2630, 27.4783, -87.0537



129.4140, 5.7119, 34.7169



127.0780, -14.8285, 42.9046

Sweetspot

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



114.1660, -2.0538, -41.3646



170.9610, -0.9668, -16.6288



118.2340, -25.2584, -18.6222



85.8200, -0.4043, -10.3661



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



114.1660, -2.0538, -41.3646



142.3820, -3.1463, -64.3560



113.9500, 12.3496, -41.1752



66.5650, -0.2785, -4.0035



87.0770, -3.9820, -76.3665



3.2770, -0.1366, -2.8739

Inverse Universe

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



91.8340, 2.0538, 41.3646



107.6180, 3.1463, 64.3560



92.0500, -12.3497, 41.1751



64.4350, 0.2785, 4.0035



45.8090, 3.5452, 76.4665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 114.1660, -2.0538, -41.3646 looks on a white 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

Black Background



This preview shows how the YUV color 114.1660, -2.0538, -41.3646 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 × Fail

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

YUV 114.1660, -2.0538, -41.3646

Background



This preview shows how black text looks on a background with the YUV color 114.1660, -2.0538, -41.3646.



This preview shows how white text looks on a background with the YUV color 114.1660, -2.0538, -41.3646.

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

114.1660, -2.0538, -41.3646

Protanopia

124.5850, -10.6414, 6.5030

Deuteranopia

126.1820, -6.0057, 12.9954



Tritanopia

118.2110, 13.2070, -36.1420

Trichromacy



Original Color

114.1660, -2.0538, -41.3646

Protanomaly

120.6860, -7.2402, -11.1256

Deuteranomaly

122.1040, -4.4883, -7.1072

Tritanomaly

116.7070, 7.5394, -38.3310

Monochromacy



Original Color

114.1660, -2.0538, -41.3646

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0860, -0.5354, -14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1660, -2.0538, -41.3646 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(67, 139, 110)` looks like.

```
.text, #text, p{  
    color:rgb(67, 139, 110)  
}
```

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(67, 139, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 139, 110) }
```

Border

The CSS property to change the border of an element to YUV 114.1660, -2.0538, -41.3646 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(67, 139, 110) }
```


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

```
.border{ border-color:rgb(67, 139, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 139, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 139, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 139, 110);  
box-shadow:4px 4px 4px 4px rgb(67, 139,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 114.1660, -2.0538, -41.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 139, 110) }
```

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

```
.background{ background-color: rgb(67, 139,  
110) }
```

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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