

Converting Colors

YUV(114.1160, 20.6488,
-43.0747)

Have a look what the booklet for
YUV(114.1160, 20.6488, -43.0747)
contains.

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Color

**YUV(114.1160, 20.6488,
-43.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	41839C
RGB	65, 131, 156
RGB Percent	25%, 51%, 61%
CMY	0.7451, 0.4863, 0.3882
CMYK	0.58, 0.16, 0.00, 0.39
HSL	196°, 41%, 43%
HSV	196°, 58%, 61%
XYZ	16.2970, 19.7567, 34.4070
YIQ	114.1160, -47.3610, -6.2170

Conversions

Conversions Part 2

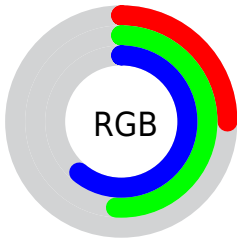
Format	Color
R_{YB}	65, 103, 156
Decimal	4293532
CIE _{Lab}	51.56, -13.44, -19.74
CIE _{LCh}	52, 23.880, 235.760
Yxy	19.7567, 0.2313, 0.2804
Android (android.graphics.Color)	4282483612 (0xFF41839C)
YUV	114.1160, 20.6488, -43.0747
Hunter-Lab	44.4485, -12.3380, -14.7816

Details

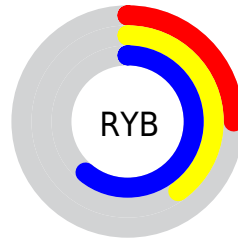
The YUV color **114.1160, 20.6488, -43.0747** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **106.8840, -20.6488, 43.0747**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9420, 21.2276, -42.0451**, and **60.1040, 22.1337, -52.7112** is the 20% darker color. If you saturate the color by 10%, you get **106.9840, 24.1649, -50.8520**, and if you desaturate by 10%, it is **121.2480, 17.1327, -35.2975**.

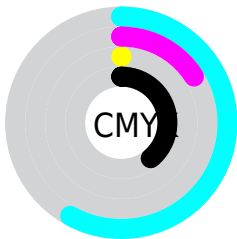
Distribution



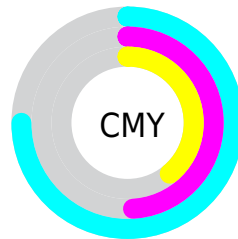
- Red (25%)
- Green (51%)
- Blue (61%)



- Red (25%)
- Yellow (40%)
- Blue (61%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1160, 20.6488, -43.0747 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 114.1160, 20.6488, -43.0747 by changing the saturation by 10% instead.

■ 114.1160, 20.6488,
-43.0747

■ 114.1160, 20.6488,
-43.0747

■ 255.0000, 0.0000,
0.0000

■ 87.2080, 21.0965,
-46.6634

■ 167.9420, 21.2276,
-42.0451

■ 60.1040, 22.1337,
-52.7112

■ 195.9420, 21.2276,
-42.0451

■ 43.2800, 18.5960,
-37.9566

■ 222.5740, 15.9860,
-40.8454

■ 28.2170, 14.1900,
-24.7463

■ 240.0500, 7.3704,
-30.7388

■ 11.7350, 11.9626,
-10.2916

■ 248.7210, 3.0955,
-12.9103

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 114.1160, 20.6488,
-43.0747

■ 114.1160, 20.6488,
-43.0747

■ 106.9840, 24.1649,
-50.8520

■ 121.2480, 17.1327,
-35.2975

■ 99.5640, 27.8229,
-57.4996

■ 128.6680, 13.4747,
-28.6498

■ 92.4320, 31.3390,
-65.2769

■ 135.8000, 9.9586,
-20.8726

■ 85.5990, 34.7077,
-72.4393

■ 142.6330, 6.5899,
-13.7101

■ 84.1150, 35.4393,
-73.7689

■ 149.7650, 3.0739,
-5.9329

■ 157.4840, -0.7316,
1.3295

■ 164.3170, -4.1003,
8.4920

■ 171.4490, -7.6164,
16.2692

■ 178.8690,
-11.2744, 22.9169

Harmonies

Analogous

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



111.6610, 13.9711, -47.9377



114.1160, 20.6488, -43.0747



120.0520, 21.1734, -24.6016

Triad

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



114.1160, 20.6488, -43.0747



126.0130, 0.4866, 30.6836



119.9340, -16.7295, -0.8191

Complementary

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



114.1160, 20.6488, -43.0747



106.8840, -20.6488, 43.0747

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.



122.2350, -19.8359, 15.5799



114.1160, 20.6488, -43.0747



125.1030, -9.4178, 34.1127

Square

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



114.1160, 20.6488, -43.0747



126.0420, 9.8393, 17.5032



123.8220, -16.6742, 28.2201



117.1750, -8.9603, -19.4475

Rectangle

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



114.1160, 20.6488, -43.0747



122.9830, 19.2354, -9.6321



123.8220, -16.6742, 28.2201



120.5110, -18.4929, 4.8139

Sweetspot

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



114.1160, 20.6488, -43.0747



187.0670, 8.3480, -17.5988



121.1530, -15.8514, -49.2462



91.9000, 4.9793, -10.4363



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



114.1160, 20.6488, -43.0747



138.3500, 32.3655, -67.8359



87.7010, 33.6714, -19.9088



75.4340, 1.7580, -3.8886



77.3500, 32.3655, -67.8359



8.1670, 3.3687, -7.1625

Inverse Universe

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



99.7330, 15.4146, 49.3462



115.6130, 24.3478, 77.5154



133.2990, -33.6714, 19.9088



74.0760, 1.4415, 4.3183



54.6130, 24.3478, 77.5154



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 114.1160, 20.6488, -43.0747 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 114.1160, 20.6488, -43.0747 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 114.1160, 20.6488, -43.0747

Background



This preview shows how black text looks on a background with the YUV color 114.1160, 20.6488, -43.0747.

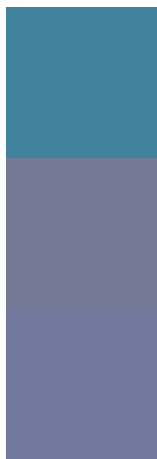


This preview shows how white text looks on a background with the YUV color 114.1160, 20.6488, -43.0747.

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

114.1160, 20.6488, -43.0747

Protanopia

122.6970, 12.9674, -5.8733

Deuteranopia

122.8370, 17.3354, -6.8730



Tritanopia

112.4270, 15.5655, -45.9785

Trichromacy



Original Color

114.1160, 20.6488, -43.0747

Protanomaly

119.7060, 15.9209, -19.9132

Deuteranomaly

119.6890, 18.3943, -19.8983

Tritanomaly

112.8940, 17.3073, -44.6340

Monochromacy



Original Color

114.1160, 20.6488, -43.0747

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8500, 7.4689, -15.6545

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1160, 20.6488, -43.0747 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, 131, 156)` looks like.

```
.text, #text, p{  
    color:rgb(65, 131, 156)  
}
```

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, 131, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 131, 156) }
```

Border

The CSS property to change the border of an element to YUV 114.1160, 20.6488, -43.0747 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, 131, 156) }
```


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

```
.border{ border-color:rgb(65, 131, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 131, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 131, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 131, 156);  
box-shadow:4px 4px 4px 4px rgb(65, 131,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 114.1160, 20.6488, -43.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 131, 156) }
```

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

```
.background{ background-color: rgb(65, 131,  
156) }
```

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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