

Converting Colors

YUV(64.6650, 21.3642,
-39.1712)

Have a look what the booklet for
YUV(64.6650, 21.3642, -39.1712)
contains.

YUV(64.6650, 21.3642, -39.1712)	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(64.6650, 21.3642,
-39.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	144F6C
RGB	20, 79, 108
RGB Percent	8%, 31%, 42%
CMY	0.9216, 0.6902, 0.5765
CMYK	0.81, 0.27, 0.00, 0.58
HSL	200°, 69%, 25%
HSV	200°, 81%, 42%
XYZ	5.7912, 6.8234, 15.1992
YIQ	64.6650, -44.4730, -3.4890

Conversions

Conversions Part 2

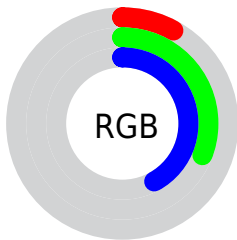
Format	Color
R_{YB}	20, 55, 108
Decimal	1331052
CIE _{Lab}	31.40, -7.57, -22.02
CIE _{LCh}	31, 23.286, 251.038
Yxy	6.8234, 0.2082, 0.2453
Android (android.graphics.Color)	4279521132 (0xFF144F6C)
YUV	64.6650, 21.3642, -39.1712
Hunter-Lab	26.1216, -6.1388, -16.2134

Details

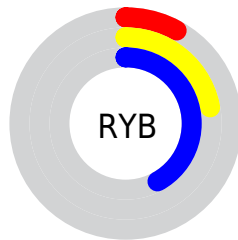
The YUV color **64.6650, 21.3642, -39.1712** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **63.3350, -21.3642, 39.1712**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9970, 21.2005, -33.3234**, and **27.3850, 16.0792, -24.0166** is the 20% darker color. If you saturate the color by 10%, you get **59.0280, 24.1432, -43.8746**, and if you desaturate by 10%, it is **70.3020, 18.5851, -34.4679**.

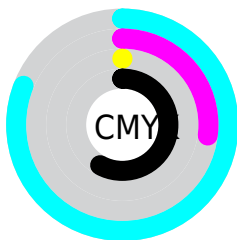
Distribution



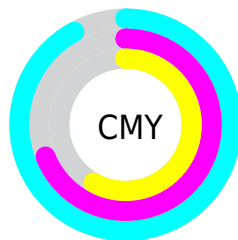
- Red (8%)
- Green (31%)
- Blue (42%)



- Red (8%)
- Yellow (22%)
- Blue (42%)



- Cyan (81%)
- Magenta (27%)
- Yellow (0%)
- Black (58%)



- Cyan (92%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6650, 21.3642, -39.1712 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 64.6650, 21.3642, -39.1712 by changing the saturation by 10% instead.

■ 64.6650, 21.3642,
-39.1712

■ 64.6650, 21.3642,
-39.1712

■ 255.0000, 0.0000,
0.0000

■ 42.4480, 20.4851,
-37.2269

■ 116.9970, 21.2005,
-33.3234

■ 27.3850, 16.0792,
-24.0166

■ 143.1110, 21.6373,
-33.4233

■ 11.4900, 13.5624,
-10.0767

■ 170.1110, 21.6373,
-33.4233

■ 2.4110, 6.6994,
-2.1144

■ 197.6380, 22.3635,
-33.0085

■ 0.0000, 0.0000,
0.0000

■ 224.4010, 15.0853,
-31.9237

■ 243.6380, 5.6015,

-23.3615

■ 252.3090, 1.3267,
-5.5330

■ 64.6650, 21.3642,
-39.1712

■ 64.6650, 21.3642,
-39.1712

■ 59.0280, 24.1432,
-43.8746

■ 70.3020, 18.5851,
-34.4679

■ 54.5760, 26.3380,
-47.8632

■ 75.3520, 16.0955,
-29.2497

■ 80.6900, 13.4638,
-25.1611

■ 85.7400, 10.9742,
-19.9430

■ 91.3770, 8.1951,
-15.2396

■ 96.4270, 5.7055,
-10.0215

■ 102.0640, 2.9264,
-5.3181

■ 106.8150, 0.5842,
-0.7148

■ 112.4520, -2.1948,
3.9886

Harmonies

Analogous

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



59.1920, 18.6393, -51.9114



64.6650, 21.3642, -39.1712



72.7330, 18.3726, -12.9208

Triad

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



64.6650, 21.3642, -39.1712



74.9760, -3.4392, 29.8390



69.8450, -11.7556, -9.5111

Complementary

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



64.6650, 21.3642, -39.1712



63.3350, -21.3642, 39.1712

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.



71.8640, -17.1880, 6.2583



64.6650, 21.3642, -39.1712



74.4890, -11.5801, 27.6351

Square

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



64.6650, 21.3642, -39.1712



76.1090, 4.8763, 22.7064



73.3540, -16.9365, 18.9835



66.1400, -2.5340, -27.3098

Rectangle

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



64.6650, 21.3642, -39.1712



75.1970, 14.6929, 0.7042



73.3540, -16.9365, 18.9835



70.3080, -13.9558, -3.7781

Sweetspot

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



64.6650, 21.3642, -39.1712



123.6760, 8.0477, -14.6249



74.8480, -13.2361, -48.1017



61.4980, 4.6845, -9.2067



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



64.6650, 21.3642, -39.1712



72.6220, 33.2174, -61.0585



39.4240, 33.8080, -17.0348



51.0320, 1.4632, -2.6591



59.7110, 28.2435, -52.3665



124.1980, 59.5554, -108.9216

Inverse Universe

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



53.0380, 12.7993, 48.2017



54.4510, 19.9907, 75.0265



88.5760, -33.8080, 17.0348



50.2500, 0.8628, 3.2887



43.9890, 17.2604, 64.0306



91.9510, 35.5202, 134.2240

Previews

White Background



This preview shows how the YUV color 64.6650, 21.3642, -39.1712 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 64.6650, 21.3642, -39.1712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

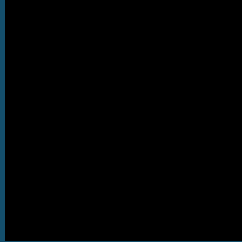
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6650, 21.3642, -39.1712

Background



This preview shows how black text looks on a background with the YUV color 64.6650, 21.3642, -39.1712.



This preview shows how white text looks on a background with the YUV color 64.6650, 21.3642,

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

64.6650, 21.3642, -39.1712

Protanopia

74.0280, 14.2832, -7.9176

Deuteranopia

72.6190, 17.9358, -12.8209



Tritanopia

58.1660, 14.7082, -51.0116

Trichromacy



Original Color

64.6650, 21.3642, -39.1712

Protanomaly

70.6460, 16.9365, -18.9835

Deuteranomaly

69.6070, 19.4207, -22.4573

Tritanomaly

60.4700, 17.0233, -46.8932

Monochromacy



Original Color

64.6650, 21.3642, -39.1712

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9750, 7.9003, -14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6650, 21.3642, -39.1712 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(20, 79, 108)` looks like.

```
.text, #text, p{  
    color:rgb(20, 79, 108)  
}
```

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(20, 79, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 79, 108) }
```

Border

The CSS property to change the border of an element to YUV 64.6650, 21.3642, -39.1712 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(20, 79, 108) }
```


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

```
.border{ border-color:rgb(20, 79, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 79, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 79, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 79, 108);  
box-shadow:4px 4px 4px 4px rgb(20, 79,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 64.6650, 21.3642, -39.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 79, 108) }
```

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

```
.background{ background-color: rgb(20, 79,  
108) }
```

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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