

Converting Colors

YUV(134.6840, 22.3408,
-72.5139)

Have a look what the booklet for
YUV(134.6840, 22.3408, -72.5139)
contains.

YUV(134.6840, 22.3408, -72.5139)	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(134.6840, 22.3408,
-72.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	34A8B4
RGB	52, 168, 180
RGB Percent	20%, 66%, 71%
CMY	0.7961, 0.3412, 0.2941
CMYK	0.71, 0.07, 0.00, 0.29
HSL	186°, 55%, 45%
HSV	186°, 71%, 71%
XYZ	23.6570, 32.0306, 48.1157
YIQ	134.6840, -72.9880, -20.8600

Conversions

Conversions Part 2

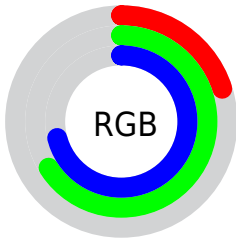
Format	Color
RYB	52, 113, 180
Decimal	3451060
CIELab	63.37, -27.59, -15.50
CIElCh	63, 31.641, 209.322
Yxy	32.0306, 0.2279, 0.3086
Android (android.graphics.Color)	4281641140 (0xFF34A8B4)
YUV	134.6840, 22.3408, -72.5139
Hunter-Lab	56.5956, -24.4291, -10.7895

Details

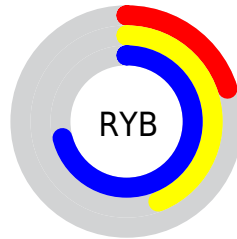
The YUV color **134.6840, 22.3408, -72.5139** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97.3160, -22.3408, 72.5139**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3750, 21.0141, -66.9809**, and **81.9830, 22.1934, -71.8991** is the 20% darker color. If you saturate the color by 10%, you get **128.1280, 25.5729, -82.5503**, and if you desaturate by 10%, it is **141.2400, 19.1087, -62.4775**.

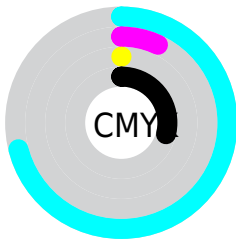
Distribution



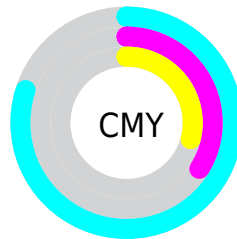
- Red (20%)
- Green (66%)
- Blue (71%)



- Red (20%)
- Yellow (44%)
- Blue (71%)



- Cyan (71%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.6840, 22.3408, -72.5139 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 134.6840, 22.3408, -72.5139 by changing the saturation by 10% instead.

■ 134.6840, 22.3408,
-72.5139

■ 134.6840, 22.3408,
-72.5139

■ 255.0000, 0.0000,
0.0000

■ 100.2090, 26.0260,
-87.8833

■ 193.3750, 21.0141,
-66.9809

■ 81.9830, 22.1934,
-71.8991

■ 220.6480, 16.9355,
-65.4663

■ 65.0450, 18.2188,
-57.0445

■ 231.3790, 11.6452,
-48.5674

■ 48.2210, 14.6810,
-42.2898

■ 240.3490, 7.2229,
-30.1241

■ 32.0980, 11.2907,
-28.1499

■ 249.3190, 2.8007,
-11.6808

■ 16.2030, 8.7739,
-14.2100

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 134.6840, 22.3408,
-72.5139

■ 134.6840, 22.3408,
-72.5139

■ 128.1280, 25.5729,
-82.5503

■ 141.2400, 19.1087,
-62.4775

■ 122.1590, 28.5156,
-93.1014

■ 147.2090, 16.1660,
-51.9263

■ 116.2010, 31.4529,
-101.9083

■ 153.7650, 12.9339,
-41.8899

■ 160.3210, 9.7017,
-31.8535

■ 166.2900, 6.7590,
-21.3023

■ 172.8460, 3.5269,
-11.2659

■ 179.4020, 0.2948,
-1.2296

■ 185.9580, -2.9373,
8.8068

■ 191.9270, -5.8800,
19.3580

Harmonies

Analogous

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



139.2550, 6.2833, -55.4746



134.6840, 22.3408, -72.5139



140.1120, 30.0178, -61.4882

Triad

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



134.6840, 22.3408, -72.5139



157.4930, 12.5750, 26.7546



151.4220, -26.8300, 18.9239

Complementary

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



134.6840, 22.3408, -72.5139



97.3160, -22.3408, 72.5139

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.



154.0420, -23.6847, 36.7972



134.6840, 22.3408, -72.5139



156.7480, -0.8618, 43.1940

Square

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



134.6840, 22.3408, -72.5139



155.3740, 22.9866, 0.5490



155.3280, -13.9657, 46.1933



148.7180, -22.5390, -4.1377

Rectangle

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



134.6840, 22.3408, -72.5139



146.3470, 30.3949, -42.4003



155.3280, -13.9657, 46.1933



152.4660, -26.8517, 25.9013

Sweetspot

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



134.6840, 22.3408, -72.5139



217.1150, 8.8173, -28.1649



128.3900, -32.2373, -66.9940



107.1550, 4.8536, -16.7989



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



134.6840, 22.3408, -72.5139



164.0470, 34.9798, -113.1742



97.7030, 40.5724, -40.0815



85.7220, 1.6161, -5.0182



99.0350, 26.6047, -86.8537



16.4650, 4.7008, -14.4398

Inverse Universe

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



103.4960, 31.8005, 67.0940



115.4340, 49.5790, 104.8594



134.2970, -40.5724, 40.0815



83.6030, 2.1677, 4.7332



61.5930, 38.1617, 80.1639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 134.6840, 22.3408, -72.5139 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 134.6840, 22.3408, -72.5139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

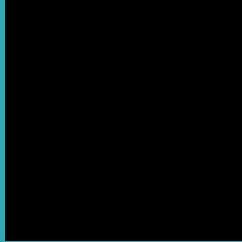
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 134.6840, 22.3408, -72.5139

Background



This preview shows how black text looks on a background with the YUV color 134.6840, 22.3408, -72.5139.



This preview shows how white text looks on a background with the YUV color 134.6840, 22.3408, -72.5139.

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

134.6840, 22.3408, -72.5139

Protanopia

152.7530, 8.0098, -2.4144

Deuteranopia

153.5880, 14.9931, -2.2697



Tritanopia

135.0970, 22.6302, -71.9991

Trichromacy



Original Color

134.6840, 22.3408, -72.5139

Protanomaly

145.9670, 13.3273, -28.0351

Deuteranomaly

146.8190, 17.8372, -27.9053

Tritanomaly

135.0970, 22.6302, -71.9991

Monochromacy



Original Color

134.6840, 22.3408, -72.5139

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.8980, 7.9383, -26.2205

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.6840, 22.3408, -72.5139 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(52, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(52, 168, 180)  
}
```

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(52, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 168, 180) }
```

Border

The CSS property to change the border of an element to YUV 134.6840, 22.3408, -72.5139 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(52, 168, 180) }
```


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

```
.border{ border-color:rgb(52, 168, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(52, 168,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 134.6840, 22.3408, -72.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 168, 180) }
```

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

```
.background{ background-color: rgb(52, 168,  
180) }
```

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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