Converting Colors

YUV(198.8840, 12.3822, -51.6413)

Have a look what the booklet for YUV(198.8840, 12.3822, -51.6413) contains.

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Color

YUV(198.8840, 12.3822, -51.6413)

Conversions

Conversions Part 1

Format	Color
Hex	8CE0E0
RGB	140, 224, 224
RGB Percent	55%, 88%, 88%
CMY	0.4510, 0.1216, 0.1216
CMYK	0.37, 0.00, 0.00, 0.12
HSL	180°, 58%, 71%
HSV	180°, 37%, 88%
XYZ	50.9254, 64.2686, 80.2420
YIQ	198.8840, -50.0640, -17.8080

Conversions

Conversions Part 2

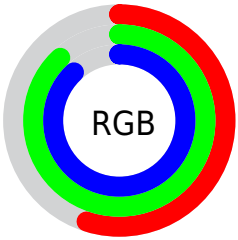
Format	Color
RYB	140, 182, 224
Decimal	9232608
CIELab	84.11, -25.39, -8.06
CIELCh	84, 26.634, 197.608
Yxy	64.2686, 0.2606, 0.3288
Android (android.graphics.Color)	4287422688 (0xFF8CE0E0)
YUV	198.8840, 12.3822, -51.6413
Hunter-Lab	80.1677, -26.9038, -3.2276

Details

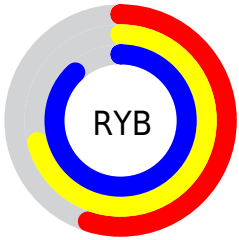
The YUV color 198.8840, 12.3822, -51.6413 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 165.1160, -12.3822, 51.6413, and the grayscale version is 199.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 237.6580, 8.5496, -35.6571, and 143.5850, 12.5296, -52.2560 is the 20% darker color. If you saturate the color by 10%, you get 192.3060, 15.6251, -65.1664, and if you desaturate by 10%, it is 205.4620, 9.1392, -38.1162.

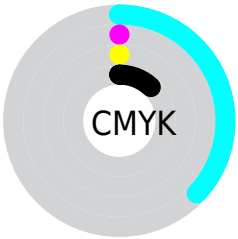
Distribution



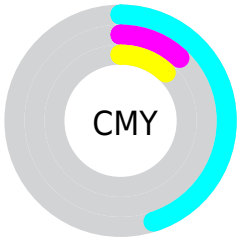
- Red (55%)
- Green (88%)
- Blue (88%)



- Red (55%)
- Yellow (71%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8840, 12.3822, -51.6413 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 198.8840, 12.3822, -51.6413 by changing the saturation by 10% instead.

198.8840, 12.3822, -51.6413

255.0000, 0.0000, 0.0000

237.6580, 8.5496, -35.6571

246.3290, 4.2748, -17.8285

198.8840, 12.3822, -51.6413

170.8840, 12.3822, -51.6413

143.5850, 12.5296, -52.2560

115.9870, 12.8244, -53.4856

86.8120, 14.8827, -60.3481

63.9050, 13.8508, -56.0447

47.1950, 10.7499, -41.3900

31.1860, 7.7963,

-27.3501

17.0520, 4.4114, -14.9546

0.0000, 0.0000, 0.0000

198.8840, 12.3822, -51.6413

198.8840, 12.3822, -51.6413

192.3060, 15.6251, -65.1664

205.4620, 9.1392, -38.1162

185.4290, 19.0155, -79.3062

212.3390, 5.7489, -23.9763

178.8510, 22.2585, -92.8313

218.9170, 2.5059, -10.4512

171.9740, 25.6488, -106.9712

225.7940, -0.8844, 3.6887

165.3960, 28.8918, -120.4963

232.3720, -4.1274, 17.2138

158.8180, 32.1347, -134.0214

233.2690, -4.5696, 19.0581

157.0240, 33.0192, -137.7100

Harmonies

Analogous

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

200.4160, -1.1911, -38.0758

198.8840, 12.3822, -51.6413

200.2290, 22.5651, -51.0668

Triad

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

198.8840, 12.3822, -51.6413

213.9970, 14.7915, 15.7886

209.8510, -24.0835, 24.6867

Complementary

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

198.8840, 12.3822, -51.6413

165.1160, -12.3822, 51.6413

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.

211.7200, -18.5960, 37.9566

198.8840, 12.3822, -51.6413

214.4310, 3.2385, 34.7020

Square

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

198.8840, 12.3822, -51.6413

210.3790, 21.9982, -9.1024

211.2930, -7.5394, 38.3310

207.1860, -22.2767, 5.0989

Rectangle

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

198.8840, 12.3822, -51.6413

203.6800, 25.3008, -41.8154

211.2930, -7.5394, 38.3310

210.5250, -22.9368, 30.2346

Sweetspot

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

198.8840, 12.3822, -51.6413

246.6280, 4.1274, -17.2138

189.3080, -24.3088, -43.2431

122.9170, 2.5059, -10.4512

0.0000, 0.0000, 0.0000

128.0000, 0.0000, 0.0000

Same Dimension

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

198.8840, 12.3822, -51.6413

220.6150, 16.9518, -70.6994

174.2300, 24.5366, -30.0197

108.7110, 1.6215, -6.7625

123.3760, 25.9436, -108.2008

33.6480, 7.0755, -29.5093

Inverse Universe

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

174.6920, 24.3088, 43.2431

187.4950, 33.2800, 59.2019

189.7700, -24.5366, 30.0197

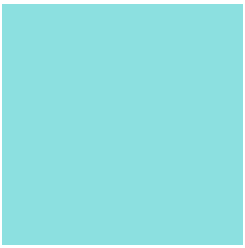
105.5430, 3.1833, 5.6628

72.6880, 50.9328, 90.6046

19.8240, 13.8908, 24.7104

Previews

White Background

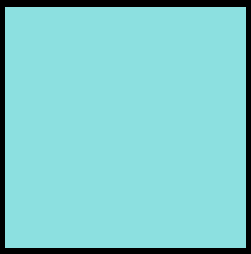


This preview shows how the YUV color 198.8840, 12.3822, -51.6413 looks on a white background.

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



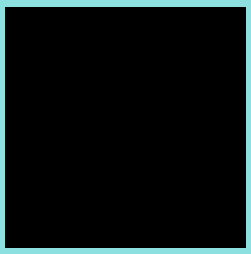
This preview shows how the YUV color 198.8840, 12.3822, -51.6413 looks on a black background.

Color Contrast Check

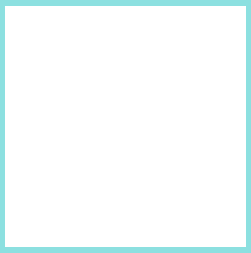
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 198.8840, 12.3822, -51.6413 Background



This preview shows how black text looks on a background with the YUV color 198.8840, 12.3822, -51.6413.



This preview shows how white text looks on a background with the YUV color 198.8840, 12.3822,

-51.6413.

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

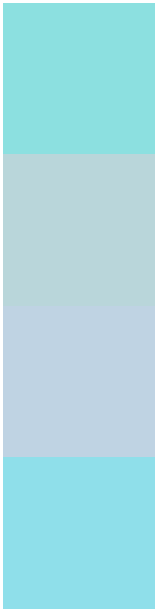
Original Color
198.8840, 12.3822, -51.6413

Protanopia
209.5810, 2.1786, 1.2445

Deuteranopia
210.9330, 8.4140, 7.9518

Tritanopia
200.6160, 18.9233, -49.6522

Trichromacy



Original Color
198.8840, 12.3822, -51.6413

Protanomaly
205.7850, 6.0220, -18.2284

Deuteranomaly
206.8440, 9.9369, -13.8952

Tritanomaly
200.3340, 16.5973, -50.2819

Monochromacy

Original Color
198.8840, 12.3822, -51.6413

Achromatopsia
199.0000, 0.0000, 0.0000

Achromatomaly
199.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8840, 12.3822, -51.6413 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(140, 224, 224) looks like.

```
.text, #text, p{
    color:rgb(140, 224, 224)
}
```

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(140, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 224, 224) }
```

Border

The CSS property to change the border of an element to YUV 198.8840, 12.3822, -51.6413 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(140, 224, 224) }
```

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

```
.border{ border-color:rgb(140, 224, 224) }
```

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

Here you see how a box with a 4 pixel rgb(140, 224, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 224, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 224, 224); box-shadow:4px 4px 4px 4px rgb(140, 224, 224) }
```

Background

The CSS property to change the background color of an element to YUV 198.8840, 12.3822, -51.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 224, 224) }
```

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

```
.background{ background-color:rgb(140,
224, 224) }
```

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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