Converting Colors

YUV(206.6520, -2.2934, -11.0958)

Have a look what the booklet for YUV(206.6520, -2.2934, -11.0958) contains.

YUV(206.6520, -2.2934, -11.0958) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

YUV(206.6520, -2.2934, -11.0958)

Conversions

Format	Color
Hex	C2D6CA
RGB	194, 214, 202
RGB Percent	76%, 84%, 79%
CMY	0.2392, 0.1608, 0.2078
CMYK	0.09, 0.00, 0.06, 0.16
HSL	144°, 20%, 80%
HSV	144°, 9%, 84%
XYZ	56.9554, 63.8267, 65.1950
YIQ	206.6520, -8.0680, -7.9720

Conversions Part 1

Conversions

Conversions Part 2

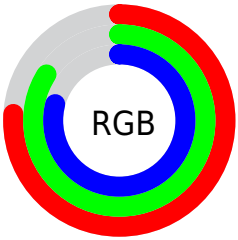
Format	Color
RYB	194, 208, 214
Decimal	12768970
CIELab	83.88, -8.96, 3.63
CIELCh	84, 9.668, 157.955
Yxy	63.8267, 0.3062, 0.3432
Android (android.graphics.Color)	4290959050 (0xFFC2D6CA)
YUV	206.6520, -2.2934, -11.0958
Hunter-Lab	79.8916, -12.5563, 7.5409

Details

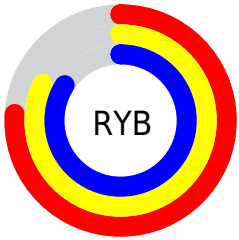
The YUV color 206.6520, -2.2934, -11.0958 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 201.3480, 2.2934, 11.0958, and the grayscale version is 207.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 253.8040, 0.5896, -2.4591, and 152.0650, -2.0040, -10.5810 is the 20% darker color. If you saturate the color by 10%, you get 198.8910, -4.8763, -22.7064, and if you desaturate by 10%, it is 214.4130, 0.2894, 0.5148.

Distribution

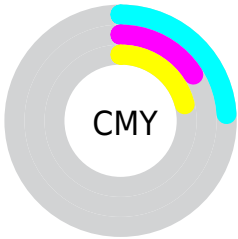


- Red (76%)
- Green (84%)
- Blue (79%)



- Red (76%)
- Yellow (82%)
- Blue (84%)

- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.6520, -2.2934, -11.0958 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 206.6520, -2.2934, -11.0958 by changing the saturation by 10% instead.

206.6520, -2.2934, -11.0958

255.0000, 0.0000, 0.0000

253.8040, 0.5896, -2.4591

206.6520, -2.2934, -11.0958

179.0650, -2.0040, -10.5810

152.0650, -2.0040, -10.5810

126.3640, -2.1515, -9.9662

101.3640, -2.1515, -9.9662

77.7770, -1.8621, -9.4514

54.1900, -1.5727, -8.9366

33.1900, -1.5727,

-8.9366

11.7230, -3.3144, -10.2811

0.0000, 0.0000, 0.0000

206.6520, -2.2934, -11.0958

206.6520, -2.2934, -11.0958

198.8910, -4.8763, -22.7064

214.4130, 0.2894, 0.5148

190.8310, -7.3117, -34.9318

222.4730, 2.7248, 12.7402

183.0700, -9.8945, -46.5424

229.3370, 5.7499, 22.5065

175.1240, -11.8931, -58.8677

230.7050, 10.9914, 21.3067

167.3630, -14.4760, -70.4784

230.9330, 11.8650, 21.1068

159.6020, -17.0588, -82.0890

151.5420, -19.4942, -94.3143

143.7810, -22.0770, -105.9249

135.7210, -24.5125, -118.1503

Harmonies

Analogous

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

207.6700, -6.2463, -3.2186

206.6520, -2.2934, -11.0958

206.4710, 2.2328, -16.1991

Triad

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

206.6520, -2.2934, -11.0958

209.2580, 8.7468, -5.4883

210.4920, -6.1586, 15.3545

Complementary

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

206.6520, -2.2934, -11.0958

201.3480, 2.2934, 11.0958

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.

211.2300, -2.0854, 15.5843

206.6520, -2.2934, -11.0958

210.3300, 6.2463, 3.2186

Square

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

206.6520, -2.2934, -11.0958

207.9150, 8.9159, -13.0805

211.0490, 2.4408, 10.4810

209.6010, -8.1843, 11.7509

Rectangle

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

206.6520, -2.2934, -11.0958

206.2690, 5.2904, -16.8989

211.0490, 2.4408, 10.4810

210.5460, -4.7062, 16.1842

Sweetspot

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

206.6520, -2.2934, -11.0958

252.0380, -1.0047, -4.4183

209.3280, -7.5567, -2.9187

125.7500, -0.8628, -3.2887

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.

206.6520, -2.2934, -11.0958

244.6900, -3.2982, -15.5141

207.7920, 2.0745, -12.0956

103.0270, -0.9993, -6.1627

108.1290, -19.7836, -94.8291

27.1790, -5.0182, -23.8360

Inverse Universe

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

201.3480, 2.2934, 11.0958

237.3100, 3.2982, 15.5141

200.2080, -2.0745, 12.0956

100.0870, 1.4361, 6.0627

62.8710, 19.7836, 94.8291

15.8210, 5.0182, 23.8360

Previews

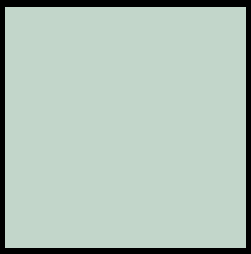
White Background

This preview shows how the YUV color 206.6520, -2.2934, -11.0958 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



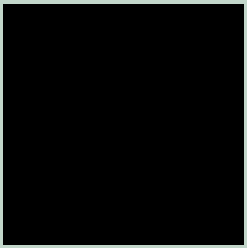
This preview shows how the YUV color 206.6520, -2.2934, -11.0958 looks on a black background.

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 206.6520, -2.2934, -11.0958 Background



This preview shows how black text looks on a background with the YUV color 206.6520, -2.2934, -11.0958.

This preview shows how white text looks on a background with the YUV color 206.6520, -2.2934,

-11.0958.

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
206.6520, -2.2934, -11.0958

Protanopia
209.0670, -4.9630, 5.2032

Deuteranopia
210.8990, -3.4012, 17.6286

Tritanopia
208.3500, 9.1945, -9.0769

Trichromacy

Original Color
206.6520, -2.2934, -11.0958

Protanomaly
207.9630, -3.9258, -0.8446

Deuteranomaly
209.2460, -3.0793, 7.6773

Tritanomaly
207.6120, 5.1213, -9.3067

Monochromacy

Original Color
206.6520, -2.2934, -11.0958

Achromatopsia
207.0000, 0.0000, 0.0000

Achromatomaly
207.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.6520, -2.2934, -11.0958 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(194, 214, 202) looks like.

```
.text, #text, p{
    color:rgb(194, 214, 202)
}
```

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(194, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 202) }
```

Border

The CSS property to change the border of an element to YUV 206.6520, -2.2934, -11.0958 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(194, 214, 202) }
```

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

```
.border{ border-color:rgb(194, 214, 202) }
```

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

Here you see how a box with a 4 pixel rgb(194, 214, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 214, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 214, 202); box-shadow:4px 4px 4px 4px rgb(194, 214, 202) }
```

Background

The CSS property to change the background color of an element to YUV 206.6520, -2.2934, -11.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(194, 214, 202) }
```

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

```
.background{ background-color:rgb(194,
214, 202) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor