Converting Colors

YUV(220.4940, 14.0535, -27.6202)

Have a look what the booklet for YUV(220.4940, 14.0535, -27.6202) contains.

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Color

YUV(220.4940, 14.0535, -27.6202)

Conversions

Conversions Part 1

Format	Color
Hex	BDE7F9
RGB	189, 231, 249
RGB Percent	74%, 91%, 98%
CMY	0.2588, 0.0941, 0.0235
CMYK	0.24, 0.07, 0.00, 0.02
HSL	198°, 83%, 86%
HSV	198°, 24%, 98%
XYZ	66.6611, 74.8102, 100.5489
YIQ	220.4940, -30.8100, -3.3060

Conversions

Conversions Part 2

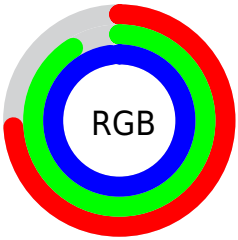
Format	Color
RYB	189, 214, 249
Decimal	12445689
CIELab	89.30, -9.66, -13.20
CIELCh	89, 16.359, 233.809
Yxy	74.8102, 0.2754, 0.3091
Android (android.graphics.Color)	4290635769 (0xFFBDE7F9)
YUV	220.4940, 14.0535, -27.6202
Hunter-Lab	86.4929, -13.7906, -8.3803

Details

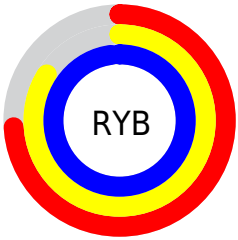
The YUV color 220.4940, 14.0535, -27.6202 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 217.5060, -14.0535, 27.6202, and the grayscale version is 220.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 252.3090, 1.3267, -5.5330, and 164.7930, 13.9061, -27.0055 is the 20% darker color. If you saturate the color by 10%, you get 208.9100, 19.7644, -39.3861, and if you desaturate by 10%, it is 232.0780, 8.3425, -15.8544.

Distribution

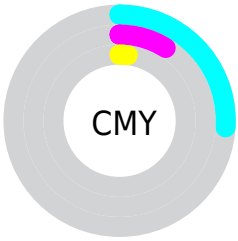


- Red (74%)
- Green (91%)
- Blue (98%)



- Red (74%)
- Yellow (84%)
- Blue (98%)

- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.4940, 14.0535, -27.6202 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 220.4940, 14.0535, -27.6202 by changing the saturation by 10% instead.

220.4940, 14.0535, -27.6202

255.0000, 0.0000, 0.0000

252.3090, 1.3267, -5.5330

220.4940, 14.0535, -27.6202

192.3800, 13.6167, -27.5203

164.7930, 13.9061, -27.0055

138.5650, 13.0325, -26.8055

112.8640, 12.8850, -26.1907

87.5650, 13.0325, -26.8055

63.1520, 12.7431, -27.3203

38.3470, 13.6329,

-32.7533

22.6260, 10.5374, -19.8430

3.3230, 10.1938, -2.9143

220.4940, 14.0535, -27.6202

220.4940, 14.0535, -27.6202

208.9100, 19.7644, -39.3861

232.0780, 8.3425, -15.8544

196.7390, 25.7647, -50.6371

244.2490, 2.3422, -4.6034

185.1550, 31.4756, -62.4029

253.1420, -2.0420, 1.6295

172.9840, 37.4759, -73.6540

254.3160, -2.6208, 0.5999

161.6990, 43.0394, -84.8050

149.5280, 49.0397, -96.0561

137.9440, 54.7506, -107.8219

130.5240, 58.4087, -114.4695

Harmonies

Analogous

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

218.6910, 8.5333, -30.4240

220.4940, 14.0535, -27.6202

223.3150, 15.6207, -16.9393

Triad

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

220.4940, 14.0535, -27.6202

227.5560, 0.2189, 23.1914

222.2700, -12.9511, 0.6402

Complementary

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

220.4940, 14.0535, -27.6202

217.5060, -14.0535, 27.6202

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.

224.1900, -14.8837, 13.8654

220.4940, 14.0535, -27.6202

226.0310, -6.9173, 25.4058

Square

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

220.4940, 14.0535, -27.6202

227.4390, 7.6716, 12.7700

225.8260, -12.7322, 23.8316

220.6750, -7.2348, -12.8700

Rectangle

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

220.4940, 14.0535, -27.6202

224.7400, 14.4252, -6.7880

225.8260, -12.7322, 23.8316

223.2490, -14.4198, 5.0436

Sweetspot

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

220.4940, 14.0535, -27.6202

246.6830, 4.1003, -8.4920

226.2720, -9.5011, -32.6875

122.3630, 2.7790, -4.7034

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.

220.4940, 14.0535, -27.6202

219.9600, 17.2747, -34.1679

202.8840, 22.7352, -12.1763

118.7650, 3.0739, -5.9329

99.0300, 44.3552, -86.8493

32.1950, 14.2009, -28.2350

Inverse Universe

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

211.7280, 9.5011, 32.6875

209.0540, 11.8054, 40.2946

235.1160, -22.7352, 12.1763

116.9130, 2.0149, 7.0923

71.5590, 29.7974, 102.9958

23.1410, 9.7905, 33.2023

Previews

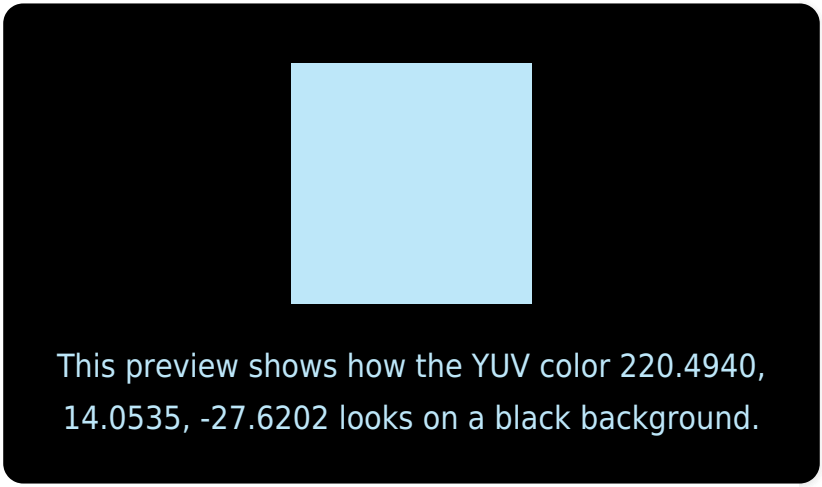
White Background

This preview shows how the YUV color 220.4940, 14.0535, -27.6202 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



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 220.4940, 14.0535, -27.6202

Background

This preview shows how black text looks on a background with the YUV color 220.4940, 14.0535, -27.6202.

This preview shows how white text looks on a background with the YUV color 220.4940, 14.0535,

-27.6202.

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
220.4940, 14.0535, -27.6202

Protanopia
224.5080, 9.6096, -2.1995

Deuteranopia
226.3610, 12.6400, 5.8224

Tritanopia
220.4940, 14.0535, -27.6202

Trichromacy

Original Color
220.4940, 14.0535, -27.6202

Protanomaly
222.9090, 11.3839, -11.3212

Deuteranomaly
224.3980, 13.1148, -6.4880

Tritanomaly
220.4940, 14.0535, -27.6202

Monochromacy

Original Color
220.4940, 14.0535, -27.6202

Achromatopsia
220.0000, 0.0000, 0.0000

Achromatomaly
220.3130, 5.2687, -9.9215

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.4940, 14.0535, -27.6202 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(189, 231, 249) looks like.

```
.text, #text, p{
    color:rgb(189, 231, 249)
}
```

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(189, 231, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 231, 249) }
```

Border

The CSS property to change the border of an element to YUV 220.4940, 14.0535, -27.6202 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(189, 231, 249) }
```

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

```
.border{ border-color:rgb(189, 231, 249) }
```

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

Here you see how a box with a 4 pixel rgb(189, 231, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 231, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 231, 249); box-shadow:4px 4px 4px 4px rgb(189, 231, 249) }
```

Background

The CSS property to change the background color of an element to YUV 220.4940, 14.0535, -27.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(189, 231, 249) }
```

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

```
.background{ background-color:rgb(189, 231, 249) }
```

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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