Converting Colors

RYB(174, 220, 120)

Have a look what the booklet for RYB(174, 220, 120) contains.

Color

RYB(174, 220, 120)

Conversions

Conversions Part 1

Format	Color
Hex	DCB978
RGB	220, 185, 120
RGB Percent	86%, 73%, 47%
CMY	0.1373, 0.2748, 0.5294
CMYK	0.00, 0.16, 0.45, 0.14
HSL	39°, 59%, 67%
HSV	39°, 45%, 86%
XYZ	50.2407, 51.2425, 25.0121
YIQ	188.0550, 41.7250, -12.7950

Conversions

Conversions Part 2

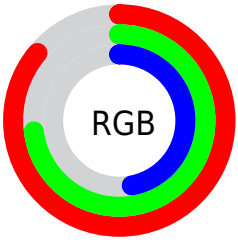
Format	Color
RYB	174, 220, 120
Decimal	14465400
CIELab	76.83, 4.16, 37.56
CIELCh	77, 37.786, 83.674
Yxy	51.2425, 0.3972, 0.4051
Android (android.graphics.Color)	4292655480 (0xFFDCB978)
YUV	188.0550, -33.5511, 28.0158
Hunter-Lab	71.5838, 0.0076, 29.3922

Details

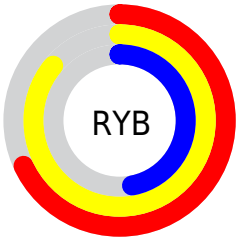
The RYB color 174, 220, 120 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 120, 146, 220, and the grayscale version is 188, 188, 188.

A 20% lighter version of the original color is 190, 255, 173, and 117, 163, 70 is the 20% darker color. If you saturate the color by 10%, you get 164, 220, 98, and if you desaturate by 10%, it is 183, 220, 142.

Distribution

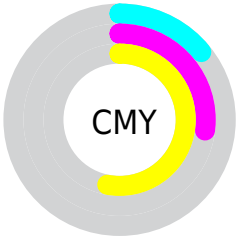


- Red (86%)
- Green (73%)
- Blue (47%)



- Red (68%)
- Yellow (86%)
- Blue (47%)

- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 220, 120 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 RYB color 174, 220, 120 by changing the saturation by 10% instead.

174, 220, 120

255, 255, 255

190, 255, 173

201, 255, 201

229, 255, 229

174, 220, 120

145, 191, 95

117, 163, 70

87, 135, 46

59, 109, 22

30, 82, 0

29, 57, 0

28, 33, 0

0, 0, 0

174, 220, 120

174, 220, 120

164, 220, 98	183, 220, 142
153, 220, 76	195, 220, 164
143, 220, 54	205, 220, 186
134, 220, 32	214, 220, 208
124, 220, 10	220, 223, 230
118, 220, 0	220, 228, 252
	220, 232, 255
	220, 235, 255
	220, 237, 255

Harmonies

Analogous

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

246, 193, 135

174, 220, 120

125, 196, 136

Triad

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

174, 220, 120

63, 137, 216

227, 171, 231

Complementary

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

174, 220, 120

120, 146, 220

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.

184, 183, 254

174, 220, 120

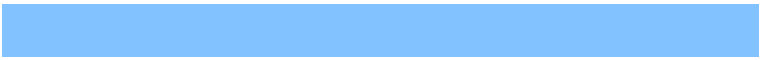
75, 148, 245

Square

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

174, 220, 120

101, 162, 208



129, 172, 255

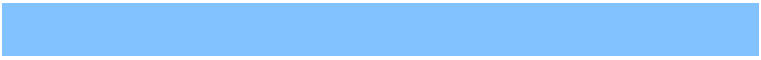
252, 163, 199

Rectangle

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

174, 220, 120

138, 202, 182



129, 172, 255

214, 175, 240

Sweetspot

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

174, 220, 120

239, 255, 219

220, 120, 157

119, 128, 106

0, 0, 0

128, 128, 128

Same Dimension

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

174, 220, 120

190, 255, 115

120, 220, 133

105, 110, 99

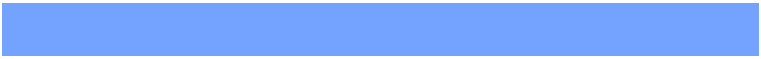
92, 173, 0

25, 46, 0

Inverse Universe

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

120, 146, 220



115, 151, 255

133, 120, 220

99, 102, 110

0, 45, 173

0, 12, 46

Previews

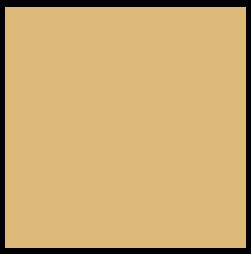
White Background

This preview shows how the RYB color 174, 220, 120 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 RYB color 174, 220, 120 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.

RYB 174, 220, 120 Background

This preview shows how black text looks on a background with the RYB color 174, 220, 120.

This preview shows how white text looks on a background with the RYB color 174, 220, 120.

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

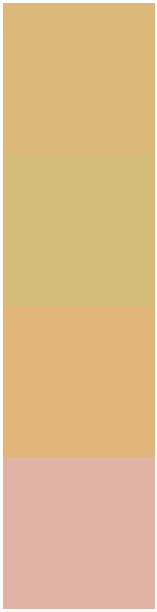
Original Color
174, 220, 120

Protanopia
143, 207, 122

Deuteranopia
207, 229, 121

Tritanopia
227, 176, 190

Trichromacy



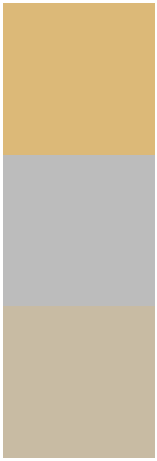
Original Color
174, 220, 120

Protanomaly
154, 212, 121

Deuteranomaly
197, 226, 121

Tritanomaly
224, 183, 165

Monochromacy



Original Color
174, 220, 120

Achromatopsia
188, 188, 188

Achromatomaly
183, 200, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 220, 120 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(220, 185, 120) looks like.

```
.text, #text, p{
    color:rgb(220, 185, 120)
}
```

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(220, 185, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 185, 120) }
```

Border

The CSS property to change the border of an element to RYB 174, 220, 120 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(220, 185, 120) }
```

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

```
.border{ border-color:rgb(220, 185, 120) }
```

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

Here you see how a box with a 4 pixel rgb(220, 185, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 185, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 185, 120); box-shadow:4px 4px 4px 4px rgb(220, 185, 120) }
```

Background

The CSS property to change the background color of an element to RYB 174, 220, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(220, 185, 120) }
```

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

```
.background{ background-color:rgb(220,
185, 120) }
```

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