

Converting Colors

`RYB(204, 227, 120)`

Have a look what the booklet for
RYB(204, 227, 120) contains.

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Color

R_YB(204, 227, 120)

Conversions

Conversions Part 1

Format	Color
Hex	E3B478
RGB	227, 180, 120
RGB Percent	89%, 71%, 47%
CMY	0.1098, 0.2943, 0.5294
CMYK	0.00, 0.21, 0.47, 0.11
HSL	34°, 66%, 68%
HSV	34°, 47%, 89%
XYZ	51.3784, 50.3062, 24.7714
YIQ	187.2130, 47.2720, -8.6960

Conversions

Conversions Part 2

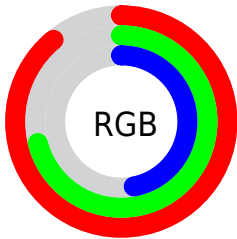
Format	Color
R _Y B	204, 227, 120
Decimal	14922872
CIE Lab	76.26, 9.64, 36.97
CIE LCh	76, 38.207, 75.380
Yxy	50.3062, 0.4063, 0.3978
Android (android.graphics.Color)	4293112952 (0xFFE3B478)
YUV	187.2130, -33.1360, 34.8932
Hunter-Lab	70.9269, 5.1806, 28.9416

Details

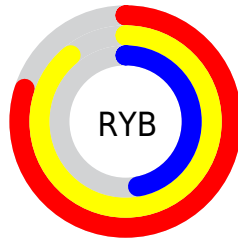
The RYB color **204, 227, 120** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **120, 153, 227**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **198, 255, 173**, and **143, 169, 70** is the 20% darker color. If you saturate the color by 10%, you get **199, 227, 97**, and if you desaturate by 10%, it is **209, 227, 143**.

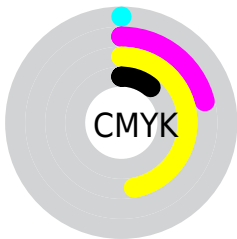
Distribution



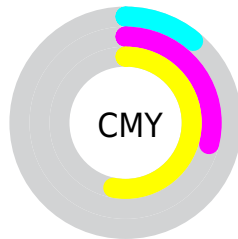
- Red (89%)
- Green (71%)
- Blue (47%)



- Red (80%)
- Yellow (89%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 227, 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 204, 227, 120 by changing the saturation by 10% instead.

 204, 227, 120

255, 255, 255

 198, 255, 173

 201, 255, 201

 229, 255, 229

 204, 227, 120

 175, 198, 95

 143, 169, 70

 112, 141, 46

 83, 114, 23

 50, 88, 0

 51, 62, 0

 37, 23, 0


 0, 0, 0

 204, 227, 120


 204, 227, 120

 199, 227, 97

 209, 227, 143

 195, 227, 75

 213, 227, 165

 190, 227, 52

 218, 227, 188

 184, 227, 29

 223, 227, 211

 179, 227, 6

 227, 229, 233

 179, 227, 0

 227, 236, 255

 227, 240, 255

 227, 241, 255

Harmonies

Analogous

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



250, 178, 139



204, 227, 120



121, 194, 119

Triad

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



204, 227, 120



67, 137, 207



215, 172, 238

Complementary

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



204, 227, 120



120, 153, 227

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.



167, 182, 255



204, 227, 120



60, 139, 237

Square

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



204, 227, 120



110, 169, 206



110, 164, 255



246, 163, 207

Rectangle

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



204, 227, 120



129, 198, 159



110, 164, 255



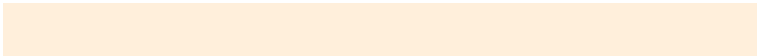
201, 177, 246

Sweetspot

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



204, 227, 120



248, 255, 219



227, 120, 168



124, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



204, 227, 120



225, 255, 110



120, 227, 125



112, 115, 103



141, 179, 0



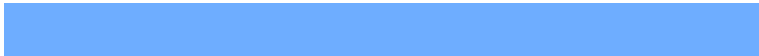
39, 51, 0

Inverse Universe

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



120, 153, 227



110, 154, 255



125, 120, 227



103, 107, 115



0, 55, 179



0, 15, 51

Previews

White Background



This preview shows how the RYB color 204, 227, 120 looks on a white background.

Color Contrast Check

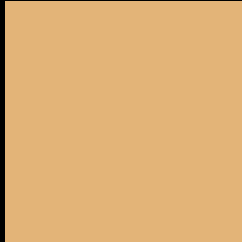
Large Text (above 18pt) WCAG AA × Fail

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 204, 227, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

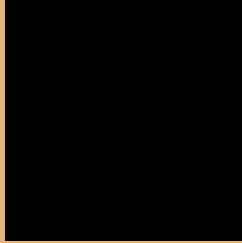
Any Text WCAG AA ✓ Pass

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 204, 227, 120 Background



This preview shows how black text looks on a background with the RYB color 204, 227, 120.

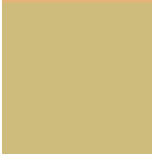


This preview shows how white text looks on a background with the RYB color 204, 227, 120.

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](#).

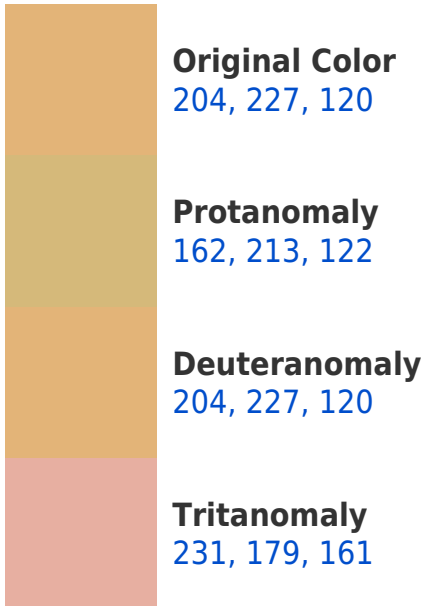
Dichromacy

	Original Color 204, 227, 120
	Protanopia 144, 205, 123
	Deuteranopia 204, 227, 120



Tritanopia
233, 172, 185

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 227, 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(227, 180, 120)` looks like.

```
.text, #text, p{  
    color:rgb(227, 180, 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(227, 180, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 180, 120) }
```

Border

The CSS property to change the border of an element to RYB 204, 227, 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(227, 180, 120) }
```

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

```
.border{ border-color:rgb(227, 180, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 180, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 180, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 180, 120); box-shadow:4px 4px 4px 4px rgb(227, 180, 120) }
```

Background

The CSS property to change the background color of an element to RGB 204, 227, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 180, 120) }
```

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

```
.background{ background-color: rgb(227,  
180, 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](#).

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