

Converting Colors

`RYB(152, 194, 108)`

Have a look what the booklet for
RYB(152, 194, 108) contains.

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Color

R_YB(152, 194, 108)

Conversions

Conversions Part 1

Format	Color
Hex	C2A56C
RGB	194, 165, 108
RGB Percent	76%, 65%, 42%
CMY	0.2392, 0.3534, 0.5765
CMYK	0.00, 0.15, 0.44, 0.24
HSL	40°, 41%, 59%
HSV	40°, 44%, 76%
XYZ	38.3906, 39.4235, 19.7734
YIQ	167.1730, 35.5810, -11.5790

Conversions

Conversions Part 2

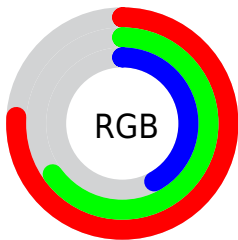
Format	Color
RYB	152, 194, 108
Decimal	12756332
CIELab	69.06, 2.98, 33.39
CIELCh	69, 33.524, 84.908
Yxy	39.4235, 0.3934, 0.4040
Android (android.graphics.Color)	4290946412 (0xFFC2A56C)
YUV	167.1730, -29.1723, 23.5273
Hunter-Lab	62.7881, -0.7387, 25.2799

Details

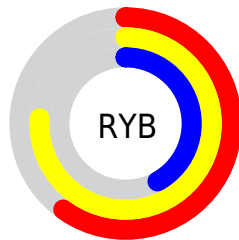
The RYB color **152, 194, 108** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **108, 130, 194**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **209, 252, 160**, and **98, 139, 59** is the 20% darker color. If you saturate the color by 10%, you get **144, 194, 89**, and if you desaturate by 10%, it is **162, 194, 127**.

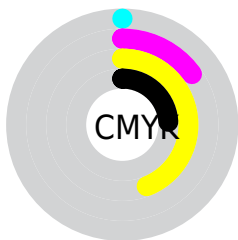
Distribution



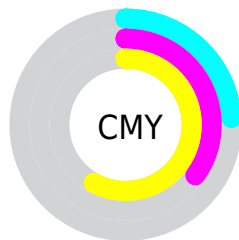
- Red (76%)
- Green (65%)
- Blue (42%)



- Red (60%)
- Yellow (76%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)
- Black (24%)




- Cyan (24%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 194, 108 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 152, 194, 108 by changing the saturation by 10% instead.

 152, 194, 108


255, 255, 255

 209, 252, 160

 195, 255, 187


 215, 255, 215

 244, 255, 244

 152, 194, 108

 123, 166, 83

 98, 139, 59

 69, 112, 36


 39, 86, 12

 25, 62, 0


 23, 37, 0

 0, 0, 0

 152, 194, 108

 144, 194, 89

 152, 194, 108

 162, 194, 127

■ 132, 194, 69

■ 171, 194, 147

■ 124, 194, 50

■ 179, 194, 166

■ 113, 194, 30

■ 191, 194, 186

■ 105, 194, 11

■ 194, 197, 205

■ 100, 194, 0

■ 194, 202, 224

■ 194, 207, 244

■ 194, 211, 255

■ 194, 214, 255

Harmonies

Analogous

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



217, 175, 120



152, 194, 108



113, 174, 124

Triad

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



152, 194, 108



62, 125, 193



202, 152, 204

Complementary

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



152, 194, 108



108, 130, 194

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.



165, 163, 223



152, 194, 108



74, 135, 217

Square

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



152, 194, 108



91, 145, 185



119, 155, 228



224, 146, 175

Rectangle

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



152, 194, 108



125, 179, 164



119, 155, 228



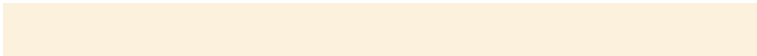
191, 155, 212

Sweetspot

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



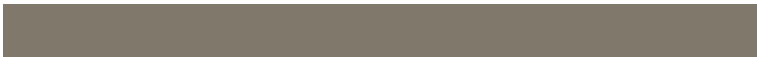
152, 194, 108



237, 252, 220



194, 108, 138



118, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



152, 194, 108



187, 252, 119



108, 194, 121



91, 97, 87



84, 161, 0



17, 33, 0

Inverse Universe

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



108, 130, 194



119, 153, 252



121, 108, 194



87, 89, 97



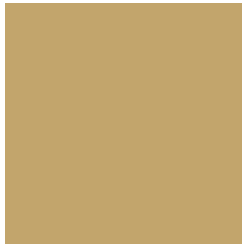
0, 40, 161



0, 8, 33

Previews

White Background



This preview shows how the RYB color 152, 194, 108 looks on a white background.

Color Contrast Check

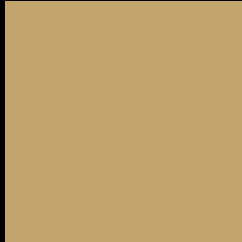
Large Text (above 18pt) WCAG AA × Fail

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 152, 194, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

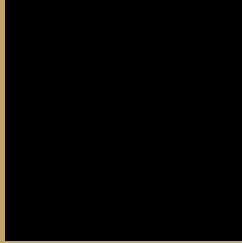
Any Text WCAG AA ✓ Pass

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 152, 194, 108 Background



This preview shows how black text looks on a background with the RYB color 152, 194, 108.



This preview shows how white text looks on a background with the RYB color 152, 194, 108.

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





Tritanopia
200, 157, 169

Trichromacy



Original Color
152, 194, 108

Protanomaly
134, 187, 109

Deuteranomaly
174, 200, 109

Tritanomaly
198, 164, 147

Monochromacy



Original Color
152, 194, 108

Achromatopsia
167, 167, 167

Achromatomaly
163, 177, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 194, 108 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, 165, 108)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 108)  
}
```

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, 165, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 108) }
```

Border

The CSS property to change the border of an element to RYB 152, 194, 108 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, 165, 108) }
```

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

```
.border{ border-color:rgb(194, 165, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 108);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 152, 194, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 108) }
```

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

```
.background{ background-color: rgb(194,  
165, 108) }
```

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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