

Converting Colors

`RYB(199, 144, 132)`

Have a look what the booklet for
RYB(199, 144, 132) contains.

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Color

R_YB(199, 144, 132)

Conversions

Conversions Part 1

Format	Color
Hex	C78E84
RGB	199, 142, 132
RGB Percent	78%, 56%, 52%
CMY	0.2196, 0.4424, 0.4824
CMYK	0.00, 0.29, 0.34, 0.22
HSL	9°, 37%, 65%
HSV	9°, 34%, 78%
XYZ	37.4174, 33.2068, 26.2672
YIQ	157.9030, 37.1820, 8.9740

Conversions

Conversions Part 2

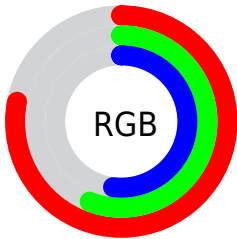
Format	Color
R _Y B	199, 144, 132
Decimal	13078148
CIE Lab	64.33, 20.21, 13.99
CIE LCh	64, 24.581, 34.700
Yxy	33.2068, 0.3862, 0.3427
Android (android.graphics.Color)	4291268228 (0xFFC78E84)
YUV	157.9030, -12.7702, 36.0421
Hunter-Lab	57.6254, 15.0596, 13.3117

Details

The RYB color **199, 144, 132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **132, 163, 199**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 198, 185**, and **143, 92, 83** is the 20% darker color. If you saturate the color by 10%, you get **199, 127, 112**, and if you desaturate by 10%, it is **199, 160, 152**.

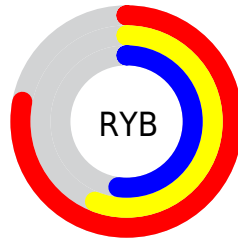
Distribution



Red (78%)

Green (56%)

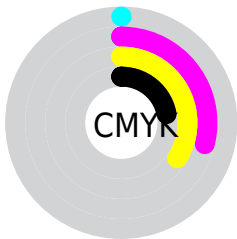
Blue (52%)



Red (78%)

Yellow (56%)

Blue (52%)

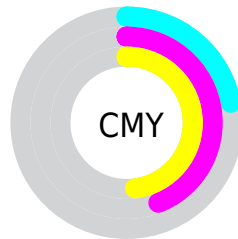


Cyan (0%)

Magenta (29%)

Yellow (34%)

Black (22%)



Cyan (22%)

Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 144, 132 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 199, 144, 132 by changing the saturation by 10% instead.

 199, 144, 132

255, 255, 255

 255, 198, 185

 255, 228, 213


 243, 255, 241


 199, 144, 132

 171, 117, 107

 143, 94, 83

 117, 70, 59

 91, 46, 38

 65, 24, 17

 42, 0, 0

 0, 0, 0

 199, 144, 132

 199, 127, 112

 199, 144, 132

 199, 160, 152

 199, 111, 92

 199, 177, 172

 199, 96, 72

 199, 193, 192

 199, 79, 52

 199, 205, 212

 199, 62, 33

 199, 214, 232

 199, 46, 13

 199, 223, 251

 199, 35, 0

 199, 227, 255

Harmonies

Analogous

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



199, 140, 153



199, 144, 132



188, 172, 117

Triad

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



199, 144, 132



119, 154, 167



133, 151, 199

Complementary

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



199, 144, 132



132, 163, 199

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.



105, 140, 195



199, 144, 132



98, 135, 168

Square

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



199, 144, 132



119, 162, 137



90, 131, 180



164, 149, 192

Rectangle

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



199, 144, 132



148, 176, 112



90, 131, 180



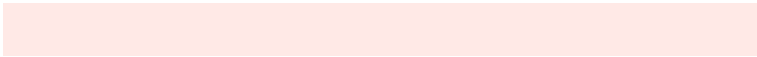
123, 147, 199

Sweetspot

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



199, 144, 132



255, 233, 230



199, 132, 189



128, 116, 112



0, 0, 0



128, 128, 128

Same Dimension

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



199, 144, 132



255, 171, 153



167, 199, 132



99, 91, 90



163, 30, 0



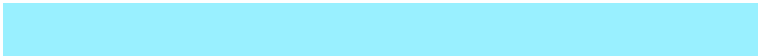
36, 6, 0

Inverse Universe

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



132, 163, 199



153, 200, 255



132, 149, 199



90, 94, 99



0, 75, 163



0, 16, 36

Previews

White Background



This preview shows how the RYB color 199, 144, 132 looks on a white background.

Color Contrast Check

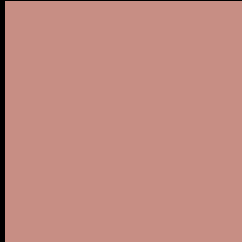
Large Text (above 18pt) WCAG AA × Fail

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 199, 144, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

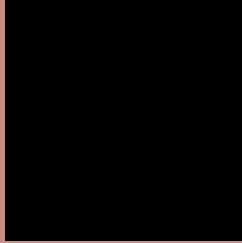
Any Text WCAG AA ✓ Pass

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 199, 144, 132 Background



This preview shows how black text looks on a background with the RYB color 199, 144, 132.



This preview shows how white text looks on a background with the RYB color 199, 144, 132.

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
199, 144, 132

Protanopia
149, 163, 139

Deuteranopia
180, 163, 130



Tritanopia
201, 139, 150

Trichromacy



Original Color

199, 144, 132

Protanomaly

176, 160, 136

Deuteranomaly

187, 153, 131

Tritanomaly

200, 140, 143

Monochromacy



Original Color

199, 144, 132

Achromatopsia

158, 158, 158

Achromatomaly

173, 152, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 144, 132 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(199, 142, 132)` looks like.

```
.text, #text, p{  
    color:rgb(199, 142, 132)  
}
```

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(199, 142, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 142, 132) }
```

Border

The CSS property to change the border of an element to RYB 199, 144, 132 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(199, 142, 132) }
```

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

```
.border{ border-color:rgb(199, 142, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 142, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 142, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 142, 132);  
box-shadow:4px 4px 4px 4px rgb(199, 142,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 199, 144, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 142, 132) }
```

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

```
.background{ background-color: rgb(199,  
142, 132) }
```

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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