

Converting Colors

`RYB(219, 124, 105)`

Have a look what the booklet for
RYB(219, 124, 105) contains.

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Color

R_YB(219, 124, 105)

Conversions

Conversions Part 1

Format	Color
Hex	DB7969
RGB	219, 121, 105
RGB Percent	86%, 47%, 41%
CMY	0.1412, 0.5244, 0.5882
CMYK	0.00, 0.45, 0.52, 0.14
HSL	9°, 61%, 64%
HSV	9°, 52%, 86%
XYZ	38.6354, 29.8243, 17.0850
YIQ	148.4780, 63.5440, 15.8000

Conversions

Conversions Part 2

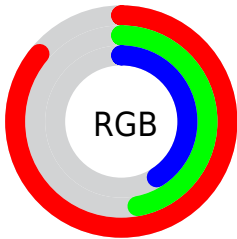
Format	Color
R_{YB}	219, 124, 105
Decimal	14383465
CIE Lab	61.50, 36.32, 25.75
CIE LCh	62, 44.525, 35.335
Yxy	29.8243, 0.4516, 0.3486
Android (android.graphics.Color)	4292573545 (0xFFDB7969)
YUV	148.4780, -21.4347, 61.8478
Hunter-Lab	54.6116, 30.7107, 19.6796

Details

The RYB color **219, 124, 105** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **105, 158, 219**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 180, 156**, and **160, 72, 58** is the 20% darker color. If you saturate the color by 10%, you get **219, 106, 83**, and if you desaturate by 10%, it is **219, 142, 127**.

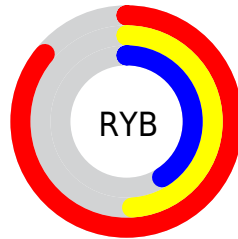
Distribution



Red (86%)

Green (47%)

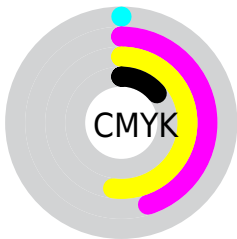
Blue (41%)



Red (86%)

Yellow (49%)

Blue (41%)

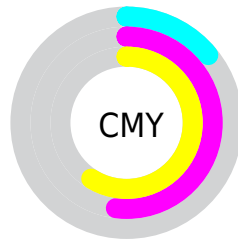


Cyan (0%)

Magenta (45%)

Yellow (52%)

Black (14%)



Cyan (14%)

Magenta (52%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 124, 105 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 219, 124, 105 by changing the saturation by 10% instead.

 219, 124, 105

255, 255, 255

 255, 180, 156

 255, 211, 183

 255, 248, 211

 239, 255, 239

 219, 124, 105

 219, 106, 83

 219, 124, 105

 189, 97, 81

 160, 72, 58

 131, 46, 36

 103, 19, 15


 75, 0, 0

 50, 0, 1


 0, 0, 0

 219, 124, 105


 219, 142, 127

 219, 88, 61

 219, 161, 149

 219, 69, 39

 219, 179, 171

 219, 51, 17

 219, 196, 193

 219, 36, 0

 219, 215, 215

 219, 227, 236

 219, 236, 255

 219, 237, 255

Harmonies

Analogous

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



222, 115, 143



219, 124, 105



198, 188, 77

Triad

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



219, 124, 105



70, 136, 166



94, 133, 227

Complementary

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



219, 124, 105



105, 158, 219

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.



0, 93, 219



219, 124, 105



0, 88, 169

Square

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



219, 124, 105



82, 159, 117



0, 90, 193



161, 135, 213

Rectangle

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



219, 124, 105



115, 177, 68



0, 90, 193



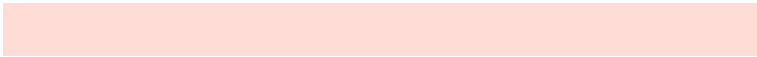
62, 121, 227

Sweetspot

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



219, 124, 105



255, 221, 214



219, 105, 204



128, 108, 103



0, 0, 0



128, 128, 128

Same Dimension

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



219, 124, 105



255, 123, 97



172, 219, 105



110, 100, 99



173, 29, 0



46, 8, 0

Inverse Universe

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



105, 158, 219



97, 170, 255



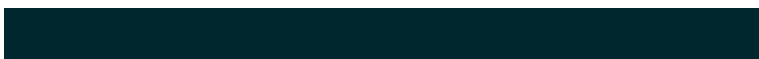
105, 136, 219



99, 104, 110



0, 80, 173



0, 21, 46

Previews

White Background



This preview shows how the RYB color 219, 124, 105 looks on a white background.

Color Contrast Check

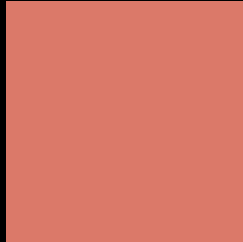
Large Text (above 18pt) WCAG AA ✓ Pass

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 219, 124, 105 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 219, 124, 105 Background



This preview shows how black text looks on a background with the RYB color 219, 124, 105.

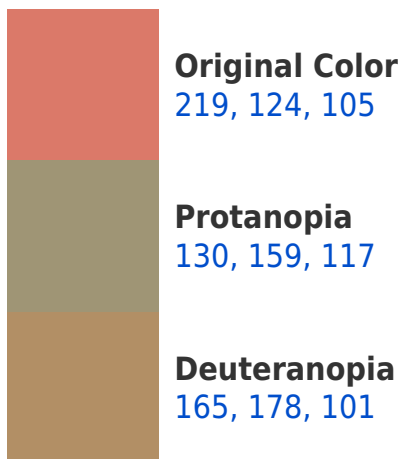



This preview shows how white text looks on a background with the RYB color 219, 124, 105.

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
221, 118, 127

Trichromacy



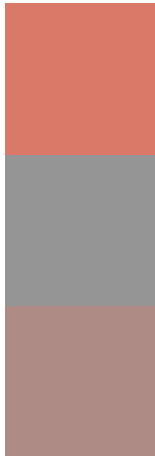
Original Color
219, 124, 105

Protanomaly
181, 155, 113

Deuteranomaly
193, 154, 102

Tritanomaly
220, 119, 119

Monochromacy



Original Color
219, 124, 105

Achromatopsia
149, 149, 149

Achromatomaly
174, 140, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 124, 105 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(219, 121, 105)` looks like.

```
.text, #text, p{  
    color:rgb(219, 121, 105)  
}
```

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(219, 121, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 121, 105) }
```

Border

The CSS property to change the border of an element to RYB 219, 124, 105 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(219, 121, 105) }
```

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

```
.border{ border-color:rgb(219, 121, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 121, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 121, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 121, 105);  
box-shadow:4px 4px 4px 4px rgb(219, 121,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 219, 124, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 121, 105) }
```

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

```
.background{ background-color: rgb(219,  
121, 105) }
```

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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