

Converting Colors

`RYB(252, 176, 105)`

Have a look what the booklet for
RYB(252, 176, 105) contains.

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Color

R_YB(252, 176, 105)

Conversions

Conversions Part 1

Format	Color
Hex	FC9969
RGB	252, 153, 105
RGB Percent	99%, 60%, 41%
CMY	0.0118, 0.4005, 0.5882
CMYK	0.00, 0.39, 0.58, 0.01
HSL	20°, 96%, 70%
HSV	20°, 58%, 99%
XYZ	54.0657, 44.4573, 19.0961
YIQ	177.1290, 74.4120, 6.0600

Conversions

Conversions Part 2

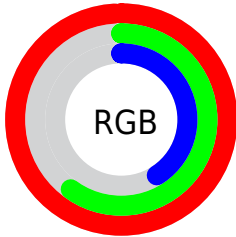
Format	Color
R _Y B	252, 176, 105
Decimal	16554345
CIE Lab	72.53, 32.68, 40.69
CIE LCh	73, 52.188, 51.237
Yxy	44.4573, 0.4597, 0.3780
Android (android.graphics.Color)	4294744425 (0xFFFC9969)
YUV	177.1290, -35.5596, 65.6619
Hunter-Lab	66.6763, 28.0563, 29.6927

Details

The RYB color **252, 176, 105** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **105, 164, 252**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **247, 255, 157**, and **191, 124, 56** is the 20% darker color. If you saturate the color by 10%, you get **252, 163, 80**, and if you desaturate by 10%, it is **252, 190, 130**.

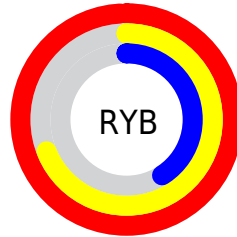
Distribution



Red (99%)

Green (60%)

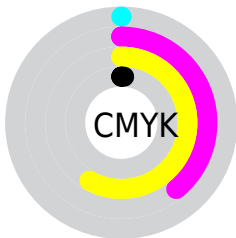
Blue (41%)



Red (99%)

Yellow (69%)

Blue (41%)

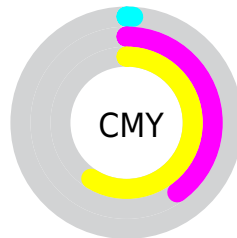


Cyan (0%)

Magenta (39%)

Yellow (58%)

Black (1%)



Cyan (1%)

















Magenta (40%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 176, 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 252, 176, 105 by changing the saturation by 10% instead.

 252, 176, 105	 252, 176, 105
 255, 255, 255	 221, 148, 80
 247, 255, 157	 191, 124, 56
 210, 255, 184	 161, 98, 33
 212, 255, 212	 132, 74, 8
 241, 255, 241	 104, 36, 0
	 75, 0, 0
	 49, 0, 0
	 1, 0, 0
	 0, 0, 0

■ 252, 176, 105

■ 252, 176, 105

■ 252, 163, 80

■ 252, 190, 130

■ 252, 150, 55

■ 252, 203, 155

■ 252, 138, 29

■ 252, 215, 181

■ 252, 124, 4

■ 252, 228, 206

■ 252, 122, 0

■ 252, 242, 231

■ 252, 254, 255

Harmonies

Analogous

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



255, 140, 146



252, 176, 105



155, 218, 81

Triad

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



252, 176, 105



0, 111, 201



159, 170, 255

Complementary

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



252, 176, 105



105, 164, 252

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.



43, 129, 255



252, 176, 105



0, 103, 211

Square

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



252, 176, 105



116, 196, 196



0, 111, 251



223, 152, 238

Rectangle

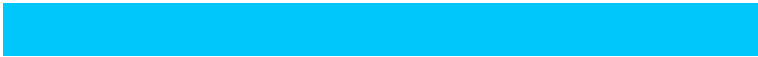
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 176, 105



89, 189, 80



0, 111, 251



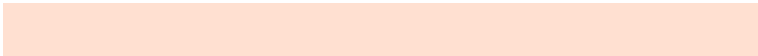
130, 164, 255

Sweetspot

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



252, 176, 105



255, 231, 209



252, 105, 205



128, 114, 99



0, 0, 0



128, 128, 128

Same Dimension

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



252, 176, 105



255, 163, 77



138, 252, 105



125, 120, 112



189, 90, 0



61, 30, 0

Inverse Universe

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



105, 164, 252



77, 149, 255



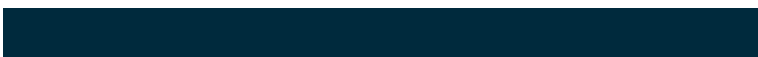
105, 128, 252



112, 117, 125



0, 76, 189



0, 25, 61

Previews

White Background



This preview shows how the RYB color 252, 176, 105 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 252, 176, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

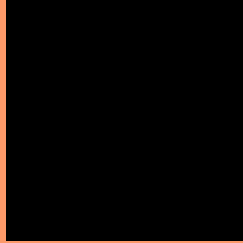
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 252, 176, 105 Background



This preview shows how black text looks on a background with the RYB color 252, 176, 105.

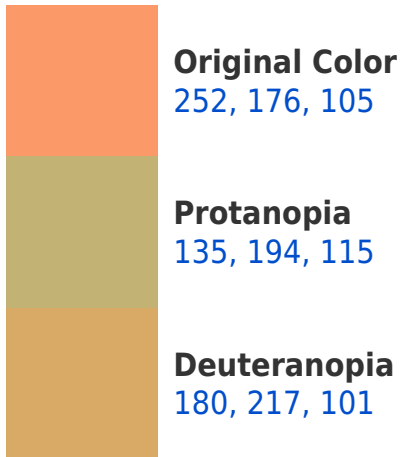


This preview shows how white text looks on a background with the RYB color 252, 176, 105.

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
255, 147, 157

Trichromacy



Original Color

252, 176, 105



Protanomaly

193, 215, 111



Deuteranomaly

230, 222, 102



Tritanomaly

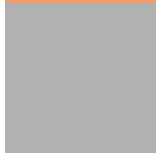
254, 150, 138

Monochromacy



Original Color

252, 176, 105



Achromatopsia

177, 177, 177



Achromatomaly

204, 176, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 176, 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(252, 153, 105)` looks like.

```
.text, #text, p{  
    color:rgb(252, 153, 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(252, 153, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 153, 105) }
```

Border

The CSS property to change the border of an element to RYB 252, 176, 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(252, 153, 105) }
```

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

```
.border{ border-color:rgb(252, 153, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 153, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 153, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 153, 105);  
box-shadow:4px 4px 4px 4px rgb(252, 153,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 252, 176, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 153, 105) }
```

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

```
.background{ background-color: rgb(252,  
153, 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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