

Converting Colors

`RYB(28, 90, 132)`

Have a look what the booklet for
RYB(28, 90, 132) contains.

RYB(28, 90, 132)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(28, 90, 132)`

Conversions

Conversions Part 1

Format	Color
Hex	1C8462
RGB	28, 132, 98
RGB Percent	11%, 52%, 38%
CMY	0.8902, 0.4824, 0.6139
CMYK	0.79, 0.00, 0.25, 0.48
HSL	161°, 65%, 31%
HSV	161°, 79%, 52%
XYZ	10.9561, 17.6398, 14.4948
YIQ	97.0280, -51.0700, -32.6220

Conversions

Conversions Part 2

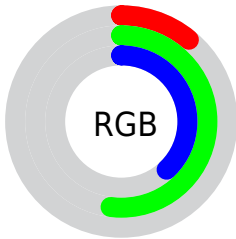
Format	Color
R_{YB}	28, 90, 132
Decimal	1868898
CIE _{Lab}	49.06, -37.08, 10.05
CIE _{LCh}	49, 38.414, 164.841
Yxy	17.6398, 0.2543, 0.4094
Android (android.graphics.Color)	4280058978 (0xFF1C8462)
YUV	97.0280, 0.4792, -60.5376
Hunter-Lab	41.9998, -26.9357, 8.9379

Details

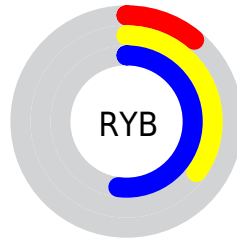
The RYB color **28, 90, 132** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **132, 28, 62**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **90, 149, 186**, and **0, 50, 81** is the 20% darker color. If you saturate the color by 10%, you get **15, 85, 132**, and if you desaturate by 10%, it is **41, 95, 132**.

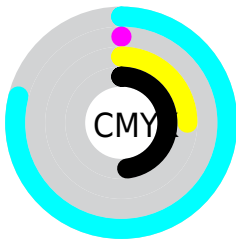
Distribution



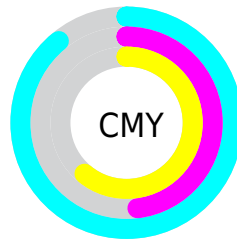
- Red (11%)
- Green (52%)
- Blue (38%)



- Red (11%)
- Yellow (35%)
- Blue (52%)



- Cyan (79%)
- Magenta (0%)
- Yellow (25%)
- Black (48%)



- Cyan (89%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 28, 90, 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 28, 90, 132 by changing the saturation by 10% instead.



28, 90, 132



28, 90, 132

255, 255, 255



0, 62, 106



90, 149, 186



0, 49, 81



118, 178, 214



0, 37, 57



146, 207, 243



0, 31, 37



175, 222, 255



0, 0, 0



204, 230, 255



233, 244, 255



28, 90, 132



28, 90, 132



15, 85, 132



41, 95, 132

■ 2, 80, 132

■ 54, 100, 132

■ 0, 79, 132

■ 68, 106, 132

■ 81, 112, 132

■ 94, 117, 132

■ 107, 122, 132

■ 120, 127, 132

■ 134, 132, 133

■ 147, 132, 137

Harmonies

Analogous

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



69, 128, 113



28, 90, 132



0, 67, 133

Triad

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



28, 90, 132



91, 109, 179



170, 106, 72

Complementary

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



28, 90, 132



132, 28, 62

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.



178, 89, 102



28, 90, 132



140, 102, 163

Square

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



28, 90, 132



0, 74, 179



168, 91, 134



124, 150, 53

Rectangle

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



28, 90, 132



0, 71, 153



168, 91, 134



175, 96, 81

Sweetspot

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



28, 90, 132



130, 154, 171



28, 132, 97



62, 77, 87



214, 214, 214



87, 87, 87

Same Dimension

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



28, 90, 132



9, 106, 171



28, 75, 132



60, 64, 66



0, 78, 130



0, 2, 3

Inverse Universe

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



132, 28, 62



171, 9, 61



132, 48, 28



66, 60, 62



130, 0, 42



3, 0, 1

Previews

White Background



This preview shows how the RYB color 28, 90, 132 looks on a white background.

Color Contrast Check

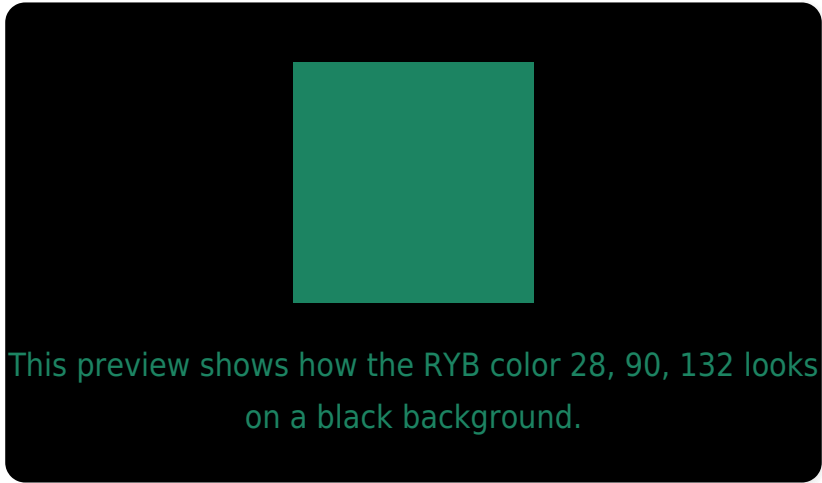
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

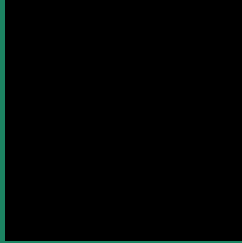
Any Text WCAG AA ✓ Pass

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](#).

R Y B 28, 90, 132 Background



This preview shows how black text looks on a background with the R Y B color 28, 90, 132.



This preview shows how white text looks on a background with the R Y B color 28, 90, 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





Tritanopia
49, 90, 137

Trichromacy



Original Color
28, 90, 132

Protanomaly
88, 117, 122

Deuteranomaly
94, 114, 119

Tritanomaly
41, 87, 129

Monochromacy



Original Color
28, 90, 132

Achromatopsia
97, 97, 97

Achromatomaly
72, 95, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 28, 90, 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(28, 132, 98)` looks like.

```
.text, #text, p{  
    color:rgb(28, 132, 98)  
}
```

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(28, 132, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 132, 98) }
```

Border

The CSS property to change the border of an element to RYB 28, 90, 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(28, 132, 98) }
```

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

```
.border{ border-color:rgb(28, 132, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 132, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 132, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 132, 98);  
box-shadow:4px 4px 4px 4px rgb(28, 132,  
98) }
```

Background

The CSS property to change the background color of an element to RGB 28, 90, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 132, 98) }
```

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

```
.background{ background-color: rgb(28, 132,  
98) }
```

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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