

Converting Colors

`RYB(182, 110, 164)`

Have a look what the booklet for
RYB(182, 110, 164) contains.

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Color

$\text{RYB}(182, 110, 164)$

Conversions

Conversions Part 1

Format	Color
Hex	B66EA4
RGB	182, 110, 164
RGB Percent	71%, 43%, 64%
CMY	0.2863, 0.5686, 0.3569
CMYK	0.00, 0.40, 0.10, 0.29
HSL	315°, 33%, 57%
HSV	315°, 40%, 71%
XYZ	31.5682, 23.7773, 38.0476
YIQ	137.6840, 25.5780, 32.0580

Conversions

Conversions Part 2

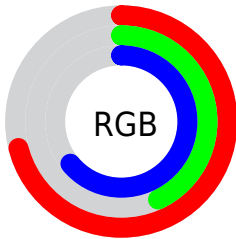
Format	Color
R_{YB}	182, 110, 164
Decimal	11955876
CIE _{Lab}	55.86, 36.50, -16.97
CIE _{LCh}	56, 40.255, 335.072
Yxy	23.7773, 0.3380, 0.2546
Android (android.graphics.Color)	4290145956 (0xFFB66EA4)
YUV	137.6840, 12.9738, 38.8651
Hunter-Lab	48.7620, 30.2263, -12.1290

Details

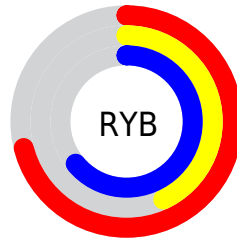
The RYB color **182, 110, 164** is a light color, and the websafe version is hex **996699**. A complement of this color would be **110, 168, 182**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **239, 163, 219**, and **128, 60, 112** is the 20% darker color. If you saturate the color by 10%, you get **182, 92, 159**, and if you desaturate by 10%, it is **182, 128, 169**.

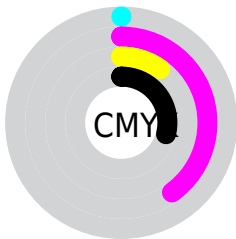
Distribution



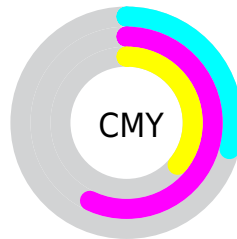
- Red (71%)
- Green (43%)
- Blue (64%)



- Red (71%)
- Yellow (43%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (29%)



- Cyan (29%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 110, 164 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 182, 110, 164 by changing the saturation by 10% instead.

 182, 110, 164

255, 255, 255

 239, 163, 219

 255, 191, 248

 255, 219, 255

 255, 248, 255

 182, 110, 164

 154, 85, 138

 128, 60, 112


 101, 35, 88

 76, 7, 64

 52, 0, 42

 28, 0, 21

 0, 0, 0

 182, 110, 164

 182, 92, 159

 182, 110, 164

 182, 128, 169

182, 74, 155

182, 146, 173

182, 55, 150

182, 165, 178

182, 37, 146

182, 183, 183

182, 19, 141

182, 197, 201

182, 1, 137

182, 212, 219

182, 0, 137

182, 226, 237

182, 241, 255

182, 238, 255

Harmonies

Analogous

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



145, 122, 191



182, 110, 164



199, 105, 129

Triad

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



182, 110, 164



80, 149, 62



0, 81, 173

Complementary

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



182, 110, 164



110, 168, 182

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, 79, 152



182, 110, 164



75, 143, 105

Square

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



182, 110, 164



179, 164, 71



66, 123, 149



0, 84, 197

Rectangle

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



182, 110, 164



199, 107, 106



66, 123, 149



0, 78, 162

Sweetspot

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



182, 110, 164



237, 209, 230



128, 110, 182



120, 103, 116



247, 247, 247



120, 120, 120

Same Dimension

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



182, 110, 164



237, 126, 209



182, 110, 128



92, 83, 90



156, 0, 117



28, 0, 21

Inverse Universe

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



182, 110, 164



237, 126, 209



110, 151, 182



92, 83, 90



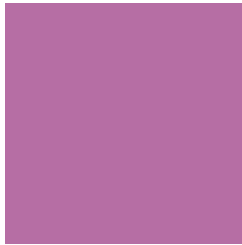
156, 0, 117



28, 0, 21

Previews

White Background



This preview shows how the RYB color 182, 110, 164 looks on a white background.

Color Contrast Check

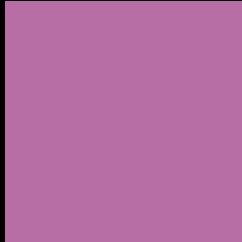
Large Text (above 18pt) WCAG AA ✓ Pass

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 182, 110, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

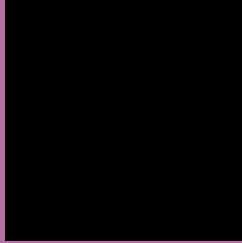
Any Text WCAG AA ✓ Pass

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 182, 110, 164 Background



This preview shows how black text looks on a background with the RYB color 182, 110, 164.

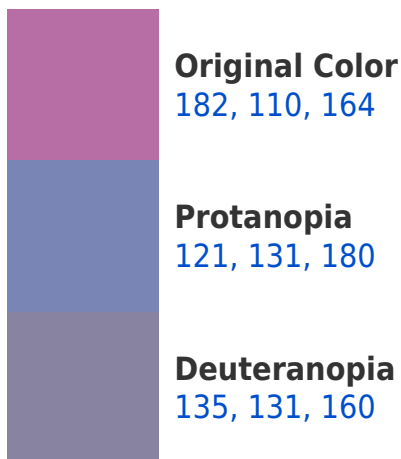



This preview shows how white text looks on a background with the RYB color 182, 110, 164.

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

178, 118, 126

Trichromacy



Original Color

182, 110, 164



Protanomaly

143, 125, 174



Deuteranomaly

152, 123, 161



Tritanomaly

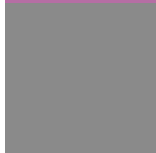
179, 115, 140

Monochromacy



Original Color

182, 110, 164



Achromatopsia

138, 138, 138



Achromatomaly

154, 128, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 110, 164 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(182, 110, 164)` looks like.

```
.text, #text, p{  
    color:rgb(182, 110, 164)  
}
```

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(182, 110, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 110, 164) }
```

Border

The CSS property to change the border of an element to RYB 182, 110, 164 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(182, 110, 164) }
```

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

```
.border{ border-color:rgb(182, 110, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 110, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 110, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 110, 164);  
box-shadow:4px 4px 4px 4px rgb(182, 110,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 182, 110, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 110, 164) }
```

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

```
.background{ background-color: rgb(182,  
110, 164) }
```

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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