

Converting Colors

`RYB(193, 112, 128)`

Have a look what the booklet for
RYB(193, 112, 128) contains.

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Color

R_YB(193, 112, 128)

Conversions

Conversions Part 1

Format	Color
Hex	C17080
RGB	193, 112, 128
RGB Percent	76%, 44%, 50%
CMY	0.2431, 0.5608, 0.4980
CMYK	0.00, 0.42, 0.34, 0.24
HSL	348°, 40%, 60%
HSV	348°, 42%, 76%
XYZ	31.6828, 24.4843, 23.4782
YIQ	138.0430, 43.1400, 22.1480

Conversions

Conversions Part 2

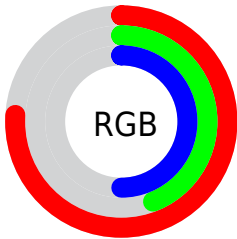
Format	Color
R_{YB}	193, 112, 128
Decimal	12677248
CIE _{Lab}	56.57, 33.88, 5.19
CIE _{LCh}	57, 34.278, 8.707
Yxy	24.4843, 0.3978, 0.3074
Android (android.graphics.Color)	4290867328 (0xFFC17080)
YUV	138.0430, -4.9512, 48.1973
Hunter-Lab	49.4816, 27.6996, 6.5051

Details

The RYB color **193, 112, 128** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **112, 157, 193**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **251, 165, 181**, and **137, 62, 79** is the 20% darker color. If you saturate the color by 10%, you get **193, 93, 113**, and if you desaturate by 10%, it is **193, 131, 143**.

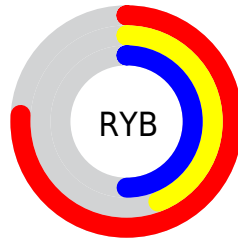
Distribution



Red (76%)

Green (44%)

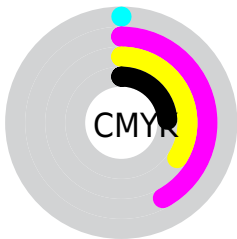
Blue (50%)



Red (76%)

Yellow (44%)

Blue (50%)

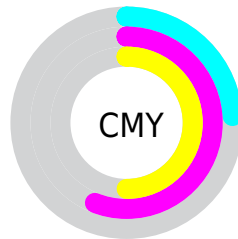


Cyan (0%)

Magenta (42%)

Yellow (34%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 193, 112, 128 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 193, 112, 128 by changing the saturation by 10% instead.

 193, 112, 128

255, 255, 255

 251, 165, 181

 255, 193, 208

 255, 221, 236


 255, 250, 255

 193, 112, 128

 165, 87, 103

 137, 62, 79

 110, 37, 56

 83, 11, 35

 58, 0, 13

 33, 0, 1

 0, 0, 0

 193, 112, 128

 193, 93, 113

 193, 112, 128

 193, 131, 143

193, 73, 97

193, 151, 159

193, 54, 82

193, 170, 174

193, 35, 66

193, 189, 190

193, 16, 51

193, 202, 209

193, 0, 38

193, 212, 228

193, 223, 247

193, 225, 255

193, 224, 255

Harmonies

Analogous

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



180, 115, 158



193, 112, 128



190, 121, 100

Triad

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



193, 112, 128



88, 145, 119



47, 105, 191

Complementary

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



193, 112, 128



112, 157, 193

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, 80, 172



193, 112, 128



76, 125, 150

Square

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



193, 112, 128



86, 146, 76



22, 89, 152



106, 128, 194

Rectangle

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



193, 112, 128



180, 147, 86



22, 89, 152



19, 91, 186

Sweetspot

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



193, 112, 128



250, 217, 224



177, 112, 193



125, 105, 109



252, 252, 252



125, 125, 125

Same Dimension

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



193, 112, 128



250, 125, 150



193, 146, 112



97, 87, 89



161, 0, 32



33, 0, 7

Inverse Universe

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



193, 112, 128



250, 125, 150



112, 145, 193



97, 87, 89



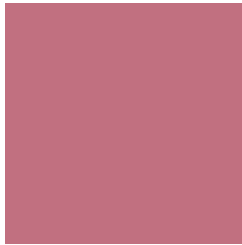
161, 0, 32



33, 0, 7

Previews

White Background



This preview shows how the RYB color 193, 112, 128 looks on a white background.

Color Contrast Check

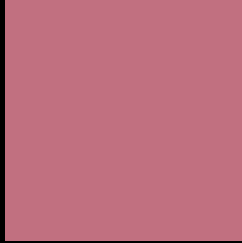
Large Text (above 18pt) WCAG AA ✓ Pass

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 193, 112, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

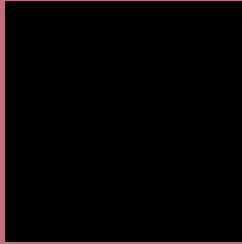
Any Text WCAG AA ✓ Pass

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 193, 112, 128 Background



This preview shows how black text looks on a background with the RYB color 193, 112, 128.




This preview shows how white text looks on a background with the RYB color 193, 112, 128.

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
192, 113, 121

Trichromacy



Original Color
193, 112, 128

Protanomaly
157, 127, 136

Deuteranomaly
168, 124, 126

Tritanomaly
192, 113, 124

Monochromacy



Original Color
193, 112, 128

Achromatopsia
138, 138, 138

Achromatomaly
158, 129, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 112, 128 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(193, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(193, 112, 128)  
}
```

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(193, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 112, 128) }
```

Border

The CSS property to change the border of an element to RYB 193, 112, 128 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(193, 112, 128) }
```

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

```
.border{ border-color:rgb(193, 112, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 112, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 112, 128);  
box-shadow:4px 4px 4px 4px rgb(193, 112,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 193, 112, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 112, 128) }
```

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

```
.background{ background-color: rgb(193,  
112, 128) }
```

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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