

Converting Colors

`RYB(93, 112, 113)`

Have a look what the booklet for
RYB(93, 112, 113) contains.

RYB(93, 112, 113)	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(93, 112, 113)

Conversions

Conversions Part 1

Format	Color
Hex	5D715E
RGB	93, 113, 94
RGB Percent	36%, 44%, 37%
CMY	0.6353, 0.5569, 0.6312
CMYK	0.18, 0.00, 0.17, 0.56
HSL	123°, 10%, 40%
HSV	123°, 18%, 44%
XYZ	12.4421, 14.9465, 12.8313
YIQ	104.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

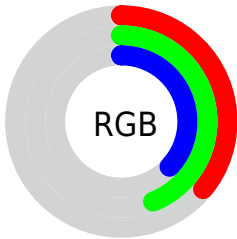
Format	Color
R_{YB}	93, 112, 113
Decimal	6123870
CIE _{Lab}	45.56, -11.47, 8.09
CIE _{LCh}	46, 14.035, 144.826
Yxy	14.9465, 0.3094, 0.3716
Android (android.graphics.Color)	4284313950 (0xFF5D715E)
YUV	104.8540, -5.3510, -10.3960
Hunter-Lab	38.6607, -10.2101, 7.3845

Details

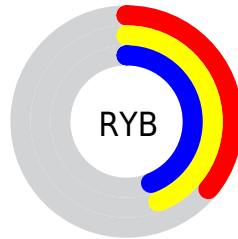
The RYB color **93, 112, 113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113, 93, 112**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **144, 165, 165**, and **47, 64, 65** is the 20% darker color. If you saturate the color by 10%, you get **82, 112, 113**, and if you desaturate by 10%, it is **104, 112, 113**.

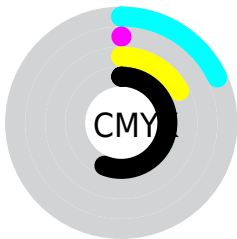
Distribution



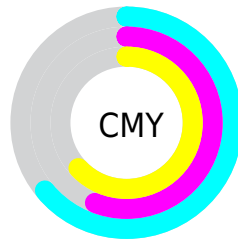
- Red (36%)
- Green (44%)
- Blue (37%)



- Red (36%)
- Yellow (44%)
- Blue (44%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 93, 112, 113 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 93, 112, 113 by changing the saturation by 10% instead.



93, 112, 113



93, 112, 113

255, 255, 255



69, 87, 88



144, 165, 165



47, 64, 65



170, 191, 192



25, 41, 43



197, 219, 220



0, 23, 23



225, 247, 248



0, 0, 0

254, 255, 255



93, 112, 113



93, 112, 113



82, 112, 113



104, 112, 113



70, 110, 113



116, 113, 115

■ 59, 110, 113

■ 127, 113, 126

■ 48, 110, 113

■ 138, 113, 137

■ 36, 108, 113

■ 149, 113, 148

■ 25, 108, 113

■ 161, 113, 158

■ 14, 108, 113

■ 172, 113, 169

■ 3, 108, 113

■ 183, 113, 180

■ 0, 107, 113

■ 195, 113, 190

Harmonies

Analogous

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



86, 110, 90



93, 112, 113



82, 101, 115

Triad

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



93, 112, 113



92, 104, 131



132, 100, 99

Complementary

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



93, 112, 113



113, 93, 112

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.



130, 100, 110



93, 112, 113



107, 106, 129

Square

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



93, 112, 113



80, 99, 127



121, 102, 121



128, 111, 89

Rectangle

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



93, 112, 113



77, 97, 115



121, 102, 121



132, 100, 102

Sweetspot

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



93, 112, 113



141, 148, 148



93, 113, 94



70, 74, 74



201, 201, 201



74, 74, 74

Same Dimension

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



93, 112, 113



117, 147, 148



93, 106, 113



50, 55, 56



0, 114, 120



0, 235, 247

Inverse Universe

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



113, 93, 112



148, 117, 146



113, 93, 102



56, 50, 56



120, 0, 114



247, 0, 234

Previews

White Background



This preview shows how the RYB color 93, 112, 113 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



This preview shows how the RYB color 93, 112, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

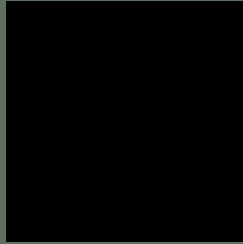
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 93, 112, 113 Background



This preview shows how black text looks on a background with the RYB color 93, 112, 113.



This preview shows how white text looks on a background with the RYB color 93, 112, 113.

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



Original Color

[93, 112, 113](#)

Protanopia

[99, 113, 91](#)

Deuteranopia

[122, 108, 96](#)



Tritanopia
97, 105, 118

Trichromacy



Original Color

93, 112, 113

Protanomaly

92, 109, 95

Deuteranomaly

100, 111, 95

Tritanomaly

96, 104, 111

Monochromacy



Original Color

93, 112, 113

Achromatopsia

105, 105, 105

Achromatomaly

101, 108, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 112, 113 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(93, 113, 94)` looks like.

```
.text, #text, p{  
    color:rgb(93, 113, 94)  
}
```

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(93, 113, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 113, 94) }
```

Border

The CSS property to change the border of an element to RYB 93, 112, 113 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(93, 113, 94) }
```

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

```
.border{ border-color:rgb(93, 113, 94) }
```

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

Here you see how a box with a 4 pixel rgb(93, 113, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 113, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 113, 94);  
box-shadow:4px 4px 4px 4px rgb(93, 113,  
94) }
```

Background

The CSS property to change the background color of an element to RYB 93, 112, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 113, 94) }
```

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

```
.background{ background-color: rgb(93, 113,  
94) }
```

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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