

Converting Colors

`RYB(126, 113, 114)`

Have a look what the booklet for
RYB(126, 113, 114) contains.

RYB(126, 113, 114)	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

R_YB(126, 113, 114)

Conversions

Conversions Part 1

Format	Color
Hex	7E7172
RGB	126, 113, 114
RGB Percent	49%, 44%, 45%
CMY	0.5059, 0.5569, 0.5529
CMYK	0.00, 0.10, 0.10, 0.51
HSL	355°, 5%, 47%
HSV	355°, 10%, 49%
XYZ	17.5466, 17.4608, 18.3651
YIQ	117.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

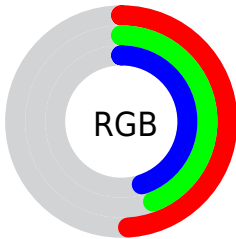
Format	Color
R_{YB}	126, 113, 114
Decimal	8286578
CIE _{Lab}	48.84, 5.24, 1.28
CIE _{LCh}	49, 5.392, 13.758
Yxy	17.4608, 0.3288, 0.3271
Android (android.graphics.Color)	4286476658 (0xFF7E7172)
YUV	117.0010, -1.4795, 7.8921
Hunter-Lab	41.7861, 1.8290, 3.1922

Details

The RYB color **126, 113, 114** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113, 120, 126**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **179, 165, 166**, and **77, 65, 66** is the 20% darker color. If you saturate the color by 10%, you get **126, 100, 102**, and if you desaturate by 10%, it is **126, 126, 126**.

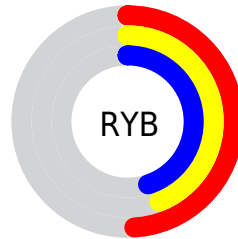
Distribution



Red (49%)

Green (44%)

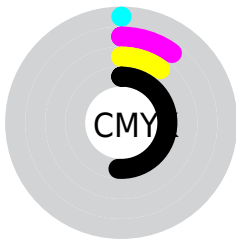
Blue (45%)



Red (49%)

Yellow (44%)

Blue (45%)

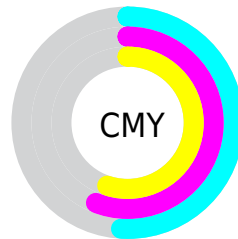


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 113, 114 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 126, 113, 114 by changing the saturation by 10% instead.

 126, 113, 114


255, 255, 255


 179, 165, 166

 206, 192, 193

 234, 220, 221


 255, 248, 249


 126, 113, 114

 101, 89, 90

 77, 65, 66

 54, 43, 44

 33, 23, 24

 1, 0, 0

 0, 0, 0

 126, 113, 114

 126, 100, 102


 126, 88, 91

 126, 113, 114


 126, 126, 126

 126, 132, 138


 126, 75, 79

 126, 139, 151


 126, 63, 67

 126, 145, 163


 126, 50, 56

 126, 152, 176


 126, 37, 44

 126, 159, 189


 126, 25, 33

 126, 165, 201

 126, 12, 21

 126, 172, 214

 126, 0, 10

 126, 178, 226

Harmonies

Analogous

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



124, 113, 119



126, 113, 114



125, 115, 110

Triad

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



126, 113, 114



109, 118, 115



109, 114, 125

Complementary

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



126, 113, 114



113, 120, 126

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.



105, 112, 122



126, 113, 114



108, 116, 119

Square

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



126, 113, 114



109, 118, 107



105, 112, 119



114, 116, 125

Rectangle

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



126, 113, 114



124, 118, 108



105, 112, 119



107, 114, 124

Sweetspot

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



126, 113, 114



163, 158, 159



125, 113, 126



82, 78, 79



209, 209, 209



82, 82, 82

Same Dimension

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



126, 113, 114



163, 144, 145



126, 121, 113



64, 57, 58



128, 0, 10



0, 0, 0

Inverse Universe

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



126, 113, 114



163, 144, 145



113, 118, 126



64, 57, 58



128, 0, 10



0, 0, 0

Previews

White Background



This preview shows how the RYB color 126, 113, 114 looks on a white background.

Color Contrast Check

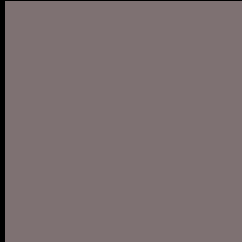
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 113, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

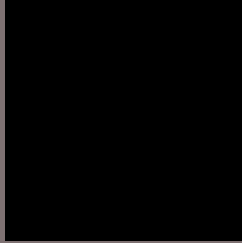
Any Text WCAG AA × Fail

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](#).

R Y B 126, 113, 114 Background



This preview shows how black text looks on a background with the R Y B color 126, 113, 114.



This preview shows how white text looks on a background with the R Y B color 126, 113, 114.

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

[126](#), [113](#), [114](#)

Protanopia

[118](#), [117](#), [115](#)

Deuteranopia

[128](#), [112](#), [114](#)



Tritanopia
127, 112, 121

Trichromacy



Original Color

126, 113, 114

Protanomaly

121, 115, 115

Deuteranomaly

127, 112, 114

Tritanomaly

127, 112, 118

Monochromacy



Original Color

126, 113, 114

Achromatopsia

117, 117, 117

Achromatomaly

120, 116, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 113, 114 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(126, 113, 114) looks like.

```
.text, #text, p{  
    color:rgb(126, 113, 114)  
}
```

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(126, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 113, 114) }
```

Border

The CSS property to change the border of an element to RYB 126, 113, 114 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(126, 113, 114) }
```

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

```
.border{ border-color:rgb(126, 113, 114) }
```

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

Here you see how a box with a 4 pixel rgb(126, 113, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(126, 113,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 126, 113, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 113, 114) }
```

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

```
.background{ background-color: rgb(126,  
113, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor