

Converting Colors

`RYB(114, 120, 127)`

Have a look what the booklet for
RYB(114, 120, 127) contains.

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Color

`RYB(114, 120, 127)`

Conversions

Conversions Part 1	
Format	Color
Hex	727D7F
RGB	114, 125, 127
RGB Percent	45%, 49%, 50%
CMY	0.5529, 0.5092, 0.5020
CMYK	0.10, 0.01, 0.00, 0.50
HSL	189°, 5%, 47%
HSV	189°, 10%, 50%
XYZ	18.1219, 19.8131, 22.9479
YIQ	121.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

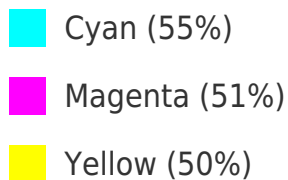
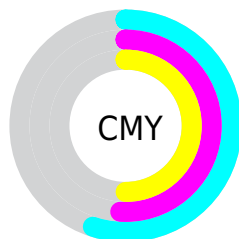
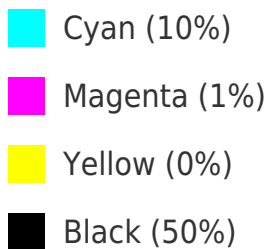
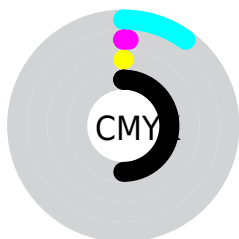
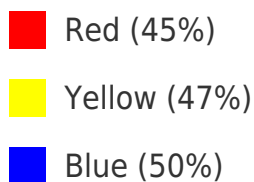
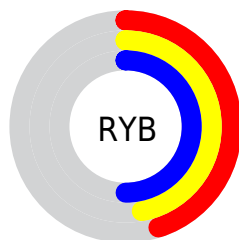
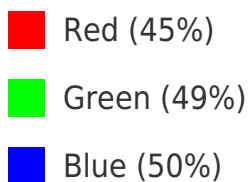
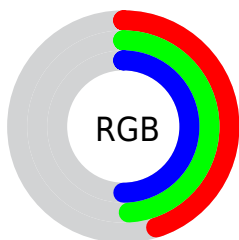
Format	Color
RYB	114, 120, 127
Decimal	7503231
CIELab	51.63, -3.71, -2.43
CIELCh	52, 4.432, 213.181
Yxy	19.8131, 0.2977, 0.3254
Android (android.graphics.Color)	4285693311 (0xFF727D7F)
YUV	121.9390, 2.4951, -6.9625
Hunter-Lab	44.5120, -5.2242, 0.5918

Details

The RYB color **114, 120, 127** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **127, 116, 114**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **166, 172, 180**, and **66, 71, 78** is the 20% darker color. If you saturate the color by 10%, you get **101, 113, 127**, and if you desaturate by 10%, it is **127, 127, 127**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RYB color 114, 120, 127 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 114, 120, 127 by changing the saturation by 10% instead.

 114, 120, 127

255, 255, 255

 166, 172, 180

 193, 199, 207

 221, 227, 235

 250, 253, 255

 114, 120, 127

 89, 95, 102

 66, 71, 78


 44, 49, 55

 23, 28, 34

 0, 5, 12

 0, 0, 0

 114, 120, 127








 101, 113, 127

 89, 107, 127

 114, 120, 127

 127, 127, 127

 139, 129, 127

 76, 100, 127 152, 132, 127 63, 93, 127 165, 133, 127 51, 86, 127 178, 135, 127 38, 79, 127 190, 138, 127 25, 72, 127 203, 140, 127 12, 65, 127 216, 142, 127 0, 59, 127 228, 143, 127

Harmonies

Analogous

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



115, 121, 125



114, 120, 127



116, 121, 130

Triad

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



114, 120, 127



128, 121, 127



120, 126, 116

Complementary

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



114, 120, 127



127, 116, 114

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.



129, 127, 116



114, 120, 127



131, 121, 123

Square

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



114, 120, 127



124, 122, 129



131, 121, 119



117, 124, 119

Rectangle

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



114, 120, 127



118, 122, 130



131, 121, 119



125, 127, 116

Sweetspot

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



114, 120, 127



161, 163, 166



114, 125, 127



81, 83, 84



212, 212, 212



84, 84, 84

Same Dimension

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



114, 120, 127



146, 155, 166



114, 118, 127



57, 60, 64



0, 59, 128



0, 0, 0

Inverse Universe

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



127, 114, 125



166, 146, 163



122, 127, 114



64, 57, 63



128, 0, 109



0, 0, 0

Previews

White Background



This preview shows how the RYB color 114, 120, 127 looks on a white background.

Color Contrast Check

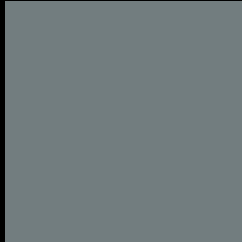
Large Text (above 18pt) WCAG AA ✓ Pass

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 114, 120, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

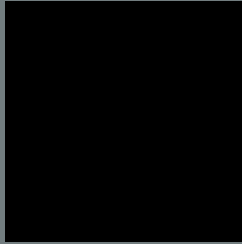
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

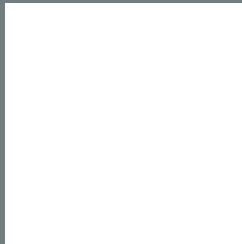
Any Text WCAG AAA × Fail

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

RYB 114, 120, 127 Background



This preview shows how black text looks on a background with the RYB color 114, 120, 127.



This preview shows how white text looks on a background with the RYB color 114, 120, 127.

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

114, 120, 127

Protanopia

124, 122, 125

Deuteranopia

132, 119, 128



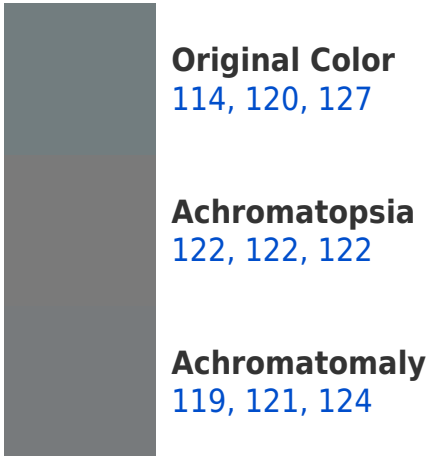
Tritanopia

115, 121, 134

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 120, 127 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(114, 125, 127) looks like.

```
.text, #text, p{  
    color:rgb(114, 125, 127)  
}
```

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(114, 125, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 125, 127) }
```

Border

The CSS property to change the border of an element to RYB 114, 120, 127 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(114, 125, 127) }
```

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

```
.border{ border-color:rgb(114, 125, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 125, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 125, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 125, 127);  
box-shadow:4px 4px 4px 4px rgb(114, 125,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 114, 120, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 125, 127) }
```

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

```
.background{ background-color: rgb(114,  
125, 127) }
```

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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