

Converting Colors

`RYB(97, 120, 145)`

Have a look what the booklet for
RYB(97, 120, 145) contains.

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Color

R_YB(97, 120, 145)

Conversions

Conversions Part 1

Format	Color
Hex	618D91
RGB	97, 141, 145
RGB Percent	38%, 55%, 57%
CMY	0.6196, 0.4464, 0.4314
CMYK	0.33, 0.03, 0.00, 0.43
HSL	185°, 20%, 47%
HSV	185°, 33%, 57%
XYZ	19.5891, 23.6827, 30.3268
YIQ	128.3000, -27.5080, -8.0840

Conversions

Conversions Part 2

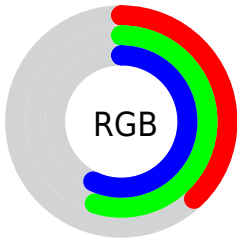
Format	Color
R_{YB}	97, 120, 145
Decimal	6393233
CIE Lab	55.77, -14.00, -6.87
CIE LCh	56, 15.600, 206.144
Yxy	23.6827, 0.2662, 0.3218
Android (android.graphics.Color)	4284583313 (0xFF618D91)
YUV	128.3000, 8.2331, -27.4501
Hunter-Lab	48.6649, -13.3119, -2.8828

Details

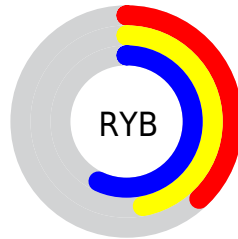
The RYB color **97, 120, 145** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **145, 101, 97**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **149, 173, 199**, and **47, 70, 95** is the 20% darker color. If you saturate the color by 10%, you get **82, 112, 145**, and if you desaturate by 10%, it is **112, 128, 145**.

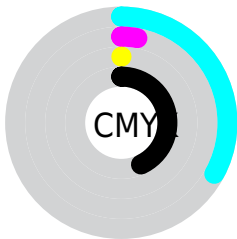
Distribution



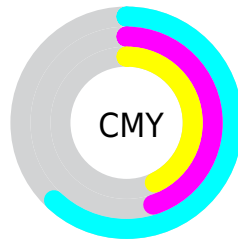
- Red (38%)
- Green (55%)
- Blue (57%)



- Red (38%)
- Yellow (47%)
- Blue (57%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (62%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 120, 145 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 97, 120, 145 by changing the saturation by 10% instead.



97, 120, 145



97, 120, 145

255, 255, 255



72, 95, 119



149, 173, 199



47, 70, 95



177, 201, 227



21, 45, 71



205, 229, 255



0, 23, 49



233, 244, 255



0, 13, 28



0, 0, 0



97, 120, 145



97, 120, 145



82, 112, 145



112, 128, 145



68, 105, 145



126, 135, 145

■ 53, 97, 145

■ 140, 143, 145

■ 39, 90, 145

■ 155, 146, 145

■ 25, 82, 145

■ 170, 147, 145

■ 10, 75, 145

■ 184, 148, 145

■ 0, 69, 145

■ 198, 149, 145

■ 213, 150, 145

■ 228, 153, 145

Harmonies

Analogous

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



103, 125, 141



97, 120, 145



102, 124, 156

Triad

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



97, 120, 145



150, 127, 149



129, 146, 107

Complementary

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



97, 120, 145



145, 101, 97

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.



157, 137, 112



97, 120, 145



160, 124, 136

Square

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



97, 120, 145



134, 131, 158



162, 125, 122



109, 136, 114

Rectangle

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



97, 120, 145



111, 128, 160



162, 125, 122



143, 150, 108

Sweetspot

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



97, 120, 145



170, 179, 189



97, 142, 145



83, 88, 94



222, 222, 222



94, 94, 94

Same Dimension

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



97, 120, 145



113, 149, 189



97, 112, 145



64, 68, 71



0, 65, 135



0, 4, 8

Inverse Universe

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



145, 97, 141



189, 113, 183



134, 145, 97



71, 64, 71



135, 0, 124



8, 0, 7

Previews

White Background



This preview shows how the RYB color 97, 120, 145 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 97, 120, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

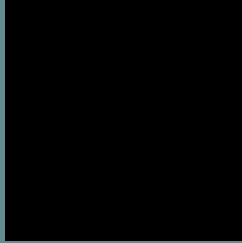
Any Text WCAG AA ✓ Pass

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 97, 120, 145 Background



This preview shows how black text looks on a background with the RYB color 97, 120, 145.

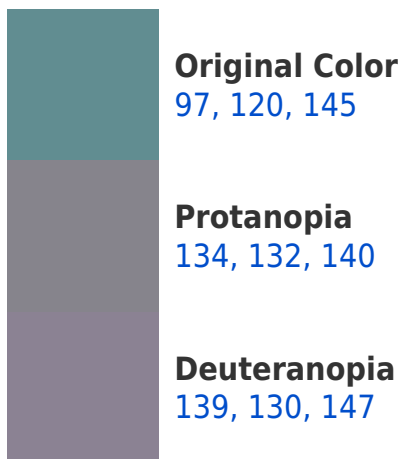


This preview shows how white text looks on a background with the RYB color 97, 120, 145.

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
99, 122, 151

Trichromacy



Original Color

97, 120, 145

Protanomaly

121, 129, 142

Deuteranomaly

124, 131, 146

Tritanomaly

98, 121, 149

Monochromacy



Original Color

97, 120, 145

Achromatopsia

128, 128, 128

Achromatomaly

117, 125, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 120, 145 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(97, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(97, 141, 145)  
}
```

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(97, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 141, 145) }
```

Border

The CSS property to change the border of an element to RYB 97, 120, 145 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(97, 141, 145) }
```

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

```
.border{ border-color:rgb(97, 141, 145) }
```

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

Here you see how a box with a 4 pixel rgb(97, 141, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 141, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 141, 145);  
box-shadow:4px 4px 4px 4px rgb(97, 141,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 97, 120, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 141, 145) }
```

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

```
.background{ background-color: rgb(97, 141,  
145) }
```

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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