

Converting Colors

`RYB(114, 164, 165)`

Have a look what the booklet for
RYB(114, 164, 165) contains.

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Color

RYB(114, 164, 165)

Conversions

Conversions Part 1

Format	Color
Hex	72A573
RGB	114, 165, 115
RGB Percent	45%, 65%, 45%
CMY	0.5529, 0.3529, 0.5489
CMYK	0.31, 0.00, 0.30, 0.35
HSL	121°, 22%, 55%
HSV	121°, 31%, 65%
XYZ	23.4902, 31.7259, 21.1113
YIQ	144.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

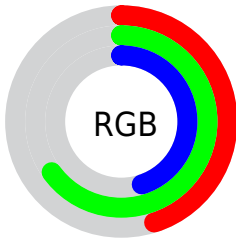
Format	Color
RYB	114, 164, 165
Decimal	7513459
CIELab	63.12, -27.24, 20.65
CIElCh	63, 34.182, 142.836
Yxy	31.7259, 0.3078, 0.4157
Android (android.graphics.Color)	4285703539 (0xFF72A573)
YUV	144.0510, -14.3221, -26.3547
Hunter-Lab	56.3258, -24.1281, 17.2057

Details

The RYB color **114, 164, 165** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 114, 164**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **167, 220, 220**, and **64, 111, 113** is the 20% darker color. If you saturate the color by 10%, you get **98, 164, 165**, and if you desaturate by 10%, it is **131, 165, 165**.

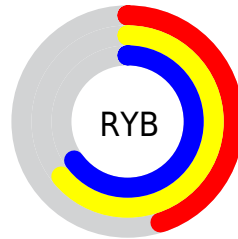
Distribution



Red (45%)

Green (65%)

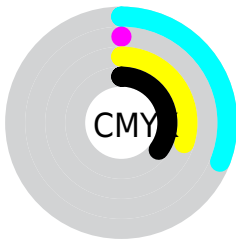
Blue (45%)



Red (45%)

Yellow (64%)

Blue (65%)

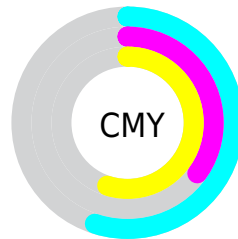


Cyan (31%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 164, 165 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, 164, 165 by changing the saturation by 10% instead.

 114, 164, 165

255, 255, 255


 167, 220, 220


 195, 249, 249

 223, 255, 255

 251, 255, 254

 114, 164, 165

 88, 136, 138

 64, 111, 113

 39, 83, 88


 12, 56, 64

 0, 42, 42


 0, 19, 19


 0, 0, 0

 114, 164, 165


 98, 164, 165

 114, 164, 165


 131, 165, 165


 81, 163, 165


 147, 165, 165

 65, 163, 165


 163, 164, 165


 48, 163, 165

 180, 165, 180

 31, 162, 165


 196, 165, 196

 15, 162, 165

 213, 165, 212

 0, 162, 165

 229, 165, 228

 246, 165, 244

 255, 165, 255

Harmonies

Analogous

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



96, 158, 105



114, 164, 165



74, 129, 169

Triad

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



114, 164, 165



96, 137, 213



212, 130, 131

Complementary

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



114, 164, 165



165, 114, 164

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.



207, 130, 161



114, 164, 165



146, 148, 209

Square

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



114, 164, 165



44, 112, 200



184, 137, 190



202, 155, 105

Rectangle

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



114, 164, 165



46, 109, 169



184, 137, 190



212, 129, 141

Sweetspot

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



114, 164, 165



195, 214, 214



114, 165, 115



95, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



114, 164, 165



135, 212, 214



114, 148, 165



73, 81, 82



0, 142, 145



0, 18, 18

Inverse Universe

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



165, 114, 164



214, 135, 213



165, 114, 139



82, 73, 81



145, 0, 142



18, 0, 17

Previews

White Background



This preview shows how the RYB color 114, 164, 165 looks on a white background.

Color Contrast Check

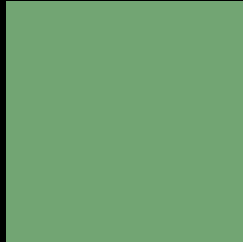
Large Text (above 18pt) WCAG AA × Fail

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, 164, 165 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 ✓ Pass

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

RYP 114, 164, 165 Background



This preview shows how black text looks on a background with the RYB color 114, 164, 165.



This preview shows how white text looks on a background with the RYB color 114, 164, 165.

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, 164, 165

Protanopia
124, 164, 109

Deuteranopia
178, 169, 119



Tritanopia
124, 144, 171

Trichromacy



Original Color

114, 164, 165

Protanomaly

111, 157, 122

Deuteranomaly

120, 155, 118

Tritanomaly

120, 143, 161

Monochromacy



Original Color

114, 164, 165

Achromatopsia

144, 144, 144

Achromatomaly

133, 152, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 164, 165 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, 165, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 165, 115)  
}
```

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, 165, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 165, 115) }
```

Border

The CSS property to change the border of an element to RYB 114, 164, 165 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, 165, 115) }
```

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

```
.border{ border-color:rgb(114, 165, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 165, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 165, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 165, 115);  
box-shadow:4px 4px 4px 4px rgb(114, 165,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 114, 164, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 165, 115) }
```

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

```
.background{ background-color: rgb(114,  
165, 115) }
```

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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