

Converting Colors

`RYB(114, 182, 94)`

Have a look what the booklet for
RYB(114, 182, 94) contains.

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Color

R_YB(114, 182, 94)

Conversions

Conversions Part 1

Format	Color
Hex	B6A65E
RGB	182, 166, 94
RGB Percent	71%, 65%, 37%
CMY	0.2863, 0.3502, 0.6314
CMYK	0.00, 0.09, 0.48, 0.29
HSL	49°, 38%, 54%
HSV	49°, 48%, 71%
XYZ	34.8942, 37.9181, 16.0695
YIQ	162.5760, 32.6480, -19.0000

Conversions

Conversions Part 2

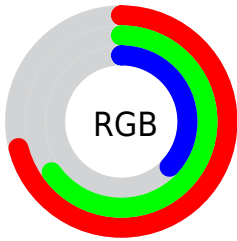
Format	Color
RYB	114, 182, 94
Decimal	11970142
CIELab	67.96, -3.88, 39.07
CIELCh	68, 39.258, 95.667
Yxy	37.9181, 0.3926, 0.4266
Android (android.graphics.Color)	4290160222 (0xFFB6A65E)
YUV	162.5760, -33.8080, 17.0348
Hunter-Lab	61.5776, -6.6103, 27.6319

Details

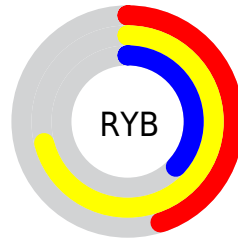
The RYB color **114, 182, 94** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **94, 108, 182**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **168, 239, 146**, and **60, 127, 45** is the 20% darker color. If you saturate the color by 10%, you get **101, 182, 76**, and if you desaturate by 10%, it is **128, 182, 112**.

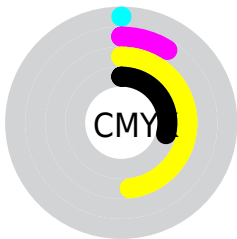
Distribution



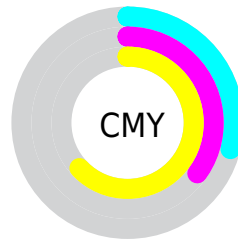
- Red (71%)
- Green (65%)
- Blue (37%)



- Red (45%)
- Yellow (71%)
- Blue (37%)



- Cyan (0%)
- Magenta (9%)
- Yellow (48%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 182, 94 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, 182, 94 by changing the saturation by 10% instead.



114, 182, 94



114, 182, 94

255, 255, 255



87, 154, 69



168, 239, 146



60, 127, 45



179, 255, 173



33, 101, 20



200, 255, 200



10, 75, 0



229, 255, 229



7, 51, 0



2, 26, 0



0, 0, 0



114, 182, 94



114, 182, 94



101, 182, 76



128, 182, 112

86, 182, 58

142, 182, 130

71, 182, 39

156, 182, 149

58, 182, 21

171, 182, 167

43, 182, 3

182, 183, 185

42, 182, 0

182, 185, 203

182, 188, 221

182, 191, 240

182, 194, 255

Harmonies

Analogous

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



212, 197, 102



114, 182, 94



107, 176, 139

Triad

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



114, 182, 94



0, 97, 206



216, 142, 196

Complementary

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



114, 182, 94



94, 108, 182

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.



178, 154, 223



114, 182, 94



53, 126, 229

Square

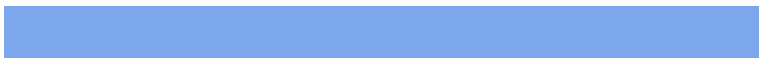
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



114, 182, 94



42, 116, 184



124, 155, 236



233, 137, 160

Rectangle

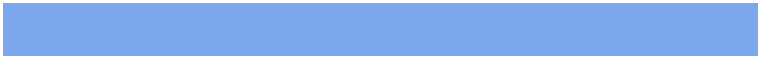
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



114, 182, 94



116, 173, 180



124, 155, 236



205, 146, 206

Sweetspot

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



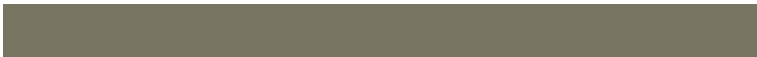
114, 182, 94



209, 237, 202



182, 94, 112



103, 120, 98



247, 247, 247



120, 120, 120

Same Dimension

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



114, 182, 94



131, 237, 100



94, 182, 120



86, 92, 83



36, 156, 0



6, 28, 0

Inverse Universe

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



94, 108, 182



100, 121, 237



120, 94, 182



83, 84, 92



0, 24, 156



0, 4, 28

Previews

White Background



This preview shows how the RYB color 114, 182, 94 looks on a white background.

Color Contrast Check

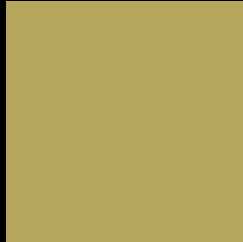
Large Text (above 18pt) WCAG AA × Fail

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, 182, 94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

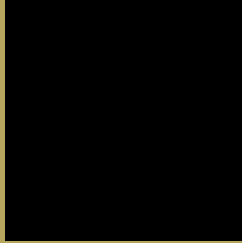
Any Text WCAG AA ✓ Pass

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](#).

R Y B 114, 182, 94 Background



This preview shows how black text looks on a background with the RYB color 114, 182, 94.



This preview shows how white text looks on a background with the RYB color 114, 182, 94.

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, 182, 94

Protanopia

114, 182, 94

Deuteranopia

171, 202, 96



Tritanopia
190, 157, 169

Trichromacy



Original Color

114, 182, 94

Protanomaly

114, 182, 94

Deuteranomaly

147, 195, 95

Tritanomaly

187, 172, 142

Monochromacy



Original Color

114, 182, 94

Achromatopsia

162, 162, 162

Achromatomaly

144, 169, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 182, 94 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(182, 166, 94)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 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(182, 166, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 94) }
```

Border

The CSS property to change the border of an element to RYB 114, 182, 94 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(182, 166, 94) }
```

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

```
.border{ border-color:rgb(182, 166, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 94);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
94) }
```

Background

The CSS property to change the background color of an element to RYB 114, 182, 94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 94) }
```

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

```
.background{ background-color: rgb(182,  
166, 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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