

Converting Colors

`RYB(224, 104, 97)`

Have a look what the booklet for
RYB(224, 104, 97) contains.

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Color

`RYB(224, 104, 97)`

Conversions

Conversions Part 1

Format	Color
Hex	E06861
RGB	224, 104, 97
RGB Percent	88%, 41%, 38%
CMY	0.1216, 0.5936, 0.6196
CMYK	0.00, 0.54, 0.57, 0.12
HSL	3°, 67%, 63%
HSV	3°, 57%, 88%
XYZ	37.8117, 26.5375, 14.4386
YIQ	139.0820, 73.7670, 23.2630

Conversions

Conversions Part 2

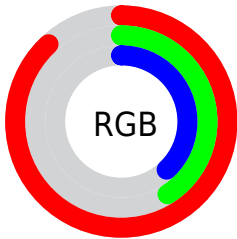
Format	Color
R_YB	224, 104, 97
Decimal	14706785
CIE Lab	58.54, 46.42, 26.54
CIE LCh	59, 53.472, 29.752
Yxy	26.5375, 0.4799, 0.3368
Android (android.graphics.Color)	4292896865 (0xFFE06861)
YUV	139.0820, -20.7464, 74.4731
Hunter-Lab	51.5146, 40.8685, 19.4423

Details

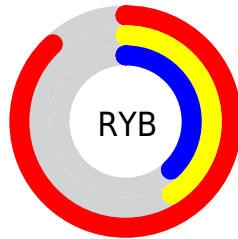
The RYB color **224, 104, 97** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **97, 159, 224**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **255, 159, 148**, and **164, 51, 50** is the 20% darker color. If you saturate the color by 10%, you get **224, 82, 75**, and if you desaturate by 10%, it is **224, 125, 119**.

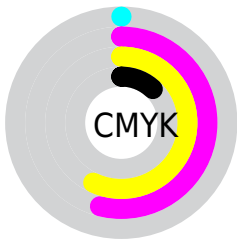
Distribution



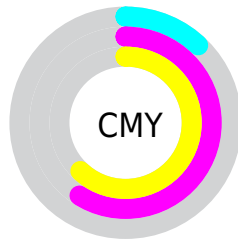
- Red (88%)
- Green (41%)
- Blue (38%)



- Red (88%)
- Yellow (41%)
- Blue (38%)



- Cyan (0%)
- Magenta (54%)
- Yellow (57%)
- Black (12%)



- Cyan (12%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the RYB color 224, 104, 97 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 224, 104, 97 by changing the saturation by 10% instead.

 224, 104, 97  224, 104, 97

255, 255, 255  194, 77, 73

 255, 159, 148  164, 50, 51

 255, 188, 174  134, 20, 29

 255, 218, 202  105, 0, 6

 253, 255, 230  76, 0, 0

 50, 0, 2


 0, 0, 0

 224, 104, 97  224, 104, 97

 224, 82, 75  224, 125, 119

 224, 61, 52

 224, 146, 142

 224, 41, 30

 224, 167, 164

 224, 20, 7

 224, 189, 187

 224, 13, 0

 224, 210, 209

 224, 228, 231

 224, 238, 254

 224, 240, 255

Harmonies

Analogous

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



224, 98, 143



224, 104, 97



203, 168, 59

Triad

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



224, 104, 97



52, 131, 160



0, 90, 235

Complementary

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



224, 104, 97



97, 159, 224

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.



0, 92, 221



224, 104, 97



0, 88, 163

Square

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



224, 104, 97



54, 152, 87



0, 87, 186



141, 129, 222

Rectangle

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



224, 104, 97



115, 180, 43



0, 87, 186



0, 92, 233

Sweetspot

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



224, 104, 97



255, 214, 212



224, 97, 218



128, 103, 102



0, 0, 0



128, 128, 128

Same Dimension

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



224, 104, 97



255, 91, 82



200, 224, 97



112, 102, 101



176, 9, 0



48, 3, 0

Inverse Universe

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



97, 159, 224



82, 166, 255



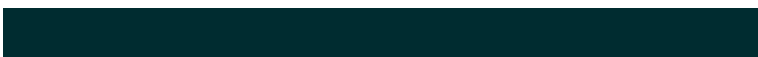
97, 136, 224



101, 107, 112



0, 86, 176



0, 23, 48

Previews

White Background



This preview shows how the RYB color 224, 104, 97 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 224, 104, 97 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](#).

R Y B 224, 104, 97 Background



This preview shows how black text looks on a background with the R Y B color 224, 104, 97.

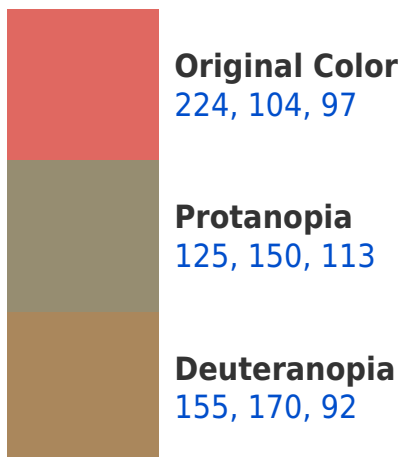



This preview shows how white text looks on a background with the R Y B color 224, 104, 97.

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
225, 102, 109

Trichromacy



Original Color
224, 104, 97

Protanomaly
177, 135, 107

Deuteranomaly
190, 138, 94

Tritanomaly
225, 103, 105

Monochromacy



Original Color
224, 104, 97

Achromatopsia
139, 139, 139

Achromatomaly
170, 126, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 104, 97 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(224, 104, 97)` looks like.

```
.text, #text, p{  
    color:rgb(224, 104, 97)  
}
```

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(224, 104, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 104, 97) }
```

Border

The CSS property to change the border of an element to RYB 224, 104, 97 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(224, 104, 97) }
```

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

```
.border{ border-color:rgb(224, 104, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 104, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 104, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 104, 97);  
box-shadow:4px 4px 4px 4px rgb(224, 104,  
97) }
```

Background

The CSS property to change the background color of an element to RGB 224, 104, 97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 104, 97) }
```

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

```
.background{ background-color: rgb(224,  
104, 97) }
```

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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