

Converting Colors

`RYB(206, 103, 105)`

Have a look what the booklet for
RYB(206, 103, 105) contains.

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Color

R_YB(206, 103, 105)

Conversions

Conversions Part 1

Format	Color
Hex	CE6769
RGB	206, 103, 105
RGB Percent	81%, 40%, 41%
CMY	0.1922, 0.5961, 0.5882
CMYK	0.00, 0.50, 0.49, 0.19
HSL	359°, 51%, 61%
HSV	359°, 50%, 81%
XYZ	32.8536, 23.8422, 16.2350
YIQ	134.0250, 60.7460, 22.4580

Conversions

Conversions Part 2

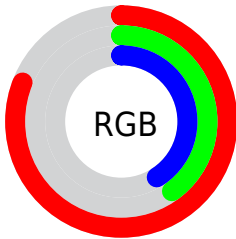
Format	Color
R_{YB}	206, 103, 105
Decimal	13526889
CIE _{Lab}	55.93, 40.86, 17.96
CIE _{LCh}	56, 44.634, 23.730
Yxy	23.8422, 0.4505, 0.3269
Android (android.graphics.Color)	4291716969 (0xFFCE6769)
YUV	134.0250, -14.3093, 63.1221
Hunter-Lab	48.8285, 34.6516, 14.4666

Details

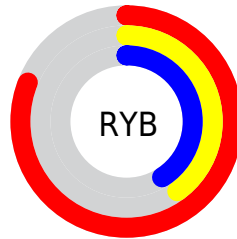
The RYB color **206, 103, 105** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **103, 155, 206**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 156, 156**, and **148, 52, 58** is the 20% darker color. If you saturate the color by 10%, you get **206, 82, 85**, and if you desaturate by 10%, it is **206, 124, 125**.

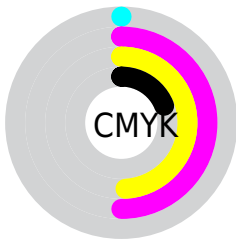
Distribution



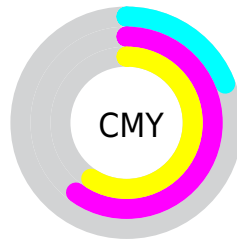
- Red (81%)
- Green (40%)
- Blue (41%)



- Red (81%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (19%)




- Cyan (19%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 103, 105 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 206, 103, 105 by changing the saturation by 10% instead.

 206, 103, 105

 206, 103, 105


255, 255, 255

 177, 77, 81


 255, 156, 156

 148, 52, 58

 255, 184, 183

 119, 24, 36

 255, 212, 211

 91, 0, 16

 255, 241, 239

 64, 0, 0


 37, 0, 1

 0, 0, 0

 206, 103, 105

 206, 103, 105


 206, 82, 85

 206, 124, 125

 206, 62, 65

 206, 144, 145

 206, 41, 44

 206, 165, 166

 206, 21, 24

 206, 185, 186

 206, 0, 4

 206, 206, 206

 206, 217, 227

 206, 227, 247

 206, 231, 255

Harmonies

Analogous

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



201, 101, 144



206, 103, 105



192, 139, 72

Triad

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



206, 103, 105



79, 143, 149



25, 96, 211

Complementary

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



206, 103, 105



103, 155, 206

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, 85, 196



206, 103, 105



0, 85, 153

Square

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



206, 103, 105



60, 141, 75



0, 79, 164



123, 127, 205

Rectangle

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



206, 103, 105



146, 174, 58



0, 79, 164



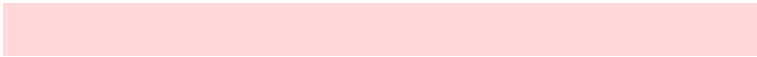
0, 85, 208

Sweetspot

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



206, 103, 105



255, 217, 217



203, 103, 206



128, 105, 105



0, 0, 0



128, 128, 128

Same Dimension

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



206, 103, 105



255, 102, 105



206, 193, 103



102, 92, 92



166, 0, 3



38, 0, 1

Inverse Universe

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



206, 103, 105



255, 102, 105



103, 139, 206



102, 92, 92



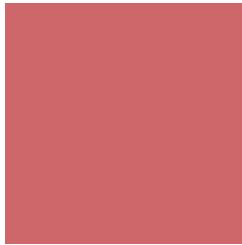
166, 0, 3



38, 0, 1

Previews

White Background



This preview shows how the RYB color 206, 103, 105 looks on a white background.

Color Contrast Check

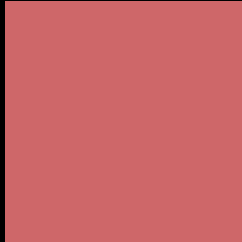
Large Text (above 18pt) WCAG AA ✓ Pass

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 206, 103, 105 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 206, 103, 105 Background



This preview shows how black text looks on a background with the RYB color 206, 103, 105.



This preview shows how white text looks on a background with the RYB color 206, 103, 105.

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
206, 103, 105

Protanopia
129, 140, 120

Deuteranopia
159, 155, 101



Tritanopia
206, 102, 110

Trichromacy



Original Color
206, 103, 105

Protanomaly
164, 125, 115

Deuteranomaly
176, 126, 102

Tritanomaly
206, 102, 108

Monochromacy



Original Color
206, 103, 105

Achromatopsia
134, 134, 134

Achromatomaly
160, 123, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 103, 105 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(206, 103, 105)` looks like.

```
.text, #text, p{  
    color:rgb(206, 103, 105)  
}
```

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(206, 103, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 103, 105) }
```

Border

The CSS property to change the border of an element to RYB 206, 103, 105 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(206, 103, 105) }
```

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

```
.border{ border-color:rgb(206, 103, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 103, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 103, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 103, 105);  
box-shadow:4px 4px 4px 4px rgb(206, 103,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 206, 103, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 103, 105) }
```

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

```
.background{ background-color: rgb(206,  
103, 105) }
```

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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