

Converting Colors

`RYB(164, 69, 105)`

Have a look what the booklet for
RYB(164, 69, 105) contains.

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Color

`RYB(164, 69, 105)`

Conversions

Conversions Part 1

Format	Color
Hex	A44569
RGB	164, 69, 105
RGB Percent	64%, 27%, 41%
CMY	0.3569, 0.7294, 0.5882
CMYK	0.00, 0.58, 0.36, 0.36
HSL	337°, 41%, 46%
HSV	337°, 58%, 64%
XYZ	19.9878, 13.1687, 14.8529
YIQ	101.5090, 45.0640, 31.3360

Conversions

Conversions Part 2

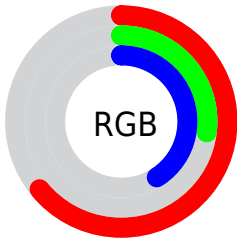
Format	Color
RYB	164, 69, 105
Decimal	10765673
CIELab	43.02, 42.95, -1.20
CIELCh	43, 42.971, 358.396
Yxy	13.1687, 0.4163, 0.2743
Android (android.graphics.Color)	4288955753 (0xFFA44569)
YUV	101.5090, 1.7211, 54.8046
Hunter-Lab	36.2887, 34.8125, 1.1347

Details

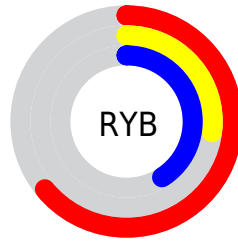
The RYB color **164, 69, 105** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **69, 128, 164**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **222, 121, 156**, and **109, 13, 58** is the 20% darker color. If you saturate the color by 10%, you get **164, 53, 95**, and if you desaturate by 10%, it is **164, 85, 115**.

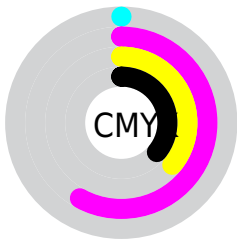
Distribution



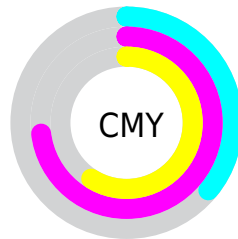
- Red (64%)
- Green (27%)
- Blue (41%)



- Red (64%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (58%)
- Yellow (36%)
- Black (36%)



- Cyan (36%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 69, 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 164, 69, 105 by changing the saturation by 10% instead.



164, 69, 105



164, 69, 105

255, 255, 255



136, 43, 81



222, 121, 156



109, 13, 58



251, 148, 183



82, 0, 37



255, 176, 211



57, 0, 15



255, 204, 239



26, 0, 1



255, 232, 255



0, 0, 0



164, 69, 105



164, 69, 105



164, 53, 95



164, 85, 115



164, 36, 85



164, 102, 125

■ 164, 20, 74

■ 164, 118, 136

■ 164, 3, 64

■ 164, 135, 146

■ 164, 0, 62

■ 164, 151, 156

■ 164, 166, 167

■ 164, 177, 184

■ 164, 186, 200

■ 164, 197, 217

Harmonies

Analogous

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



143, 78, 139



164, 69, 105



165, 73, 70

Triad

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



164, 69, 105



34, 109, 56



0, 67, 162

Complementary

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



164, 69, 105



69, 128, 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.



0, 63, 134



164, 69, 105



37, 96, 116

Square

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



164, 69, 105



55, 122, 25



0, 65, 119



0, 66, 173

Rectangle

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



164, 69, 105



156, 95, 49



0, 65, 119



0, 66, 154

Sweetspot

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



164, 69, 105



214, 178, 192



128, 69, 164



107, 86, 94



235, 235, 235



107, 107, 107

Same Dimension

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



164, 69, 105



214, 64, 121



164, 81, 69



82, 73, 77



145, 0, 55



18, 0, 7

Inverse Universe

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



164, 69, 105



214, 64, 121



69, 114, 164



82, 73, 77



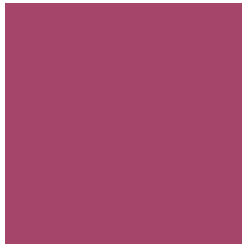
145, 0, 55



18, 0, 7

Previews

White Background



This preview shows how the RYB color 164, 69, 105 looks on a white background.

Color Contrast Check

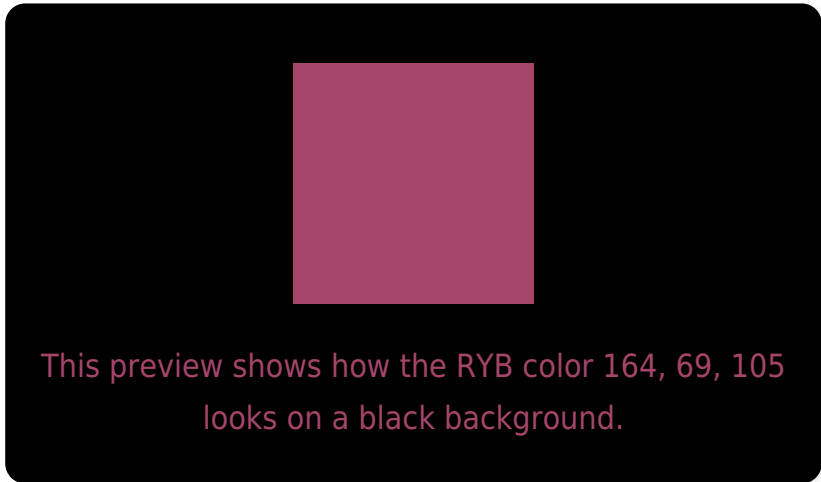
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

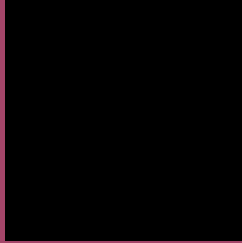
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 164, 69, 105 Background



This preview shows how black text looks on a background with the RYB color 164, 69, 105.



This preview shows how white text looks on a background with the RYB color 164, 69, 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

164, 69, 105

Protanopia

97, 101, 125

Deuteranopia

113, 99, 100



Tritanopia

162, 74, 79

Trichromacy



Original Color

164, 69, 105

Protanomaly

121, 89, 118

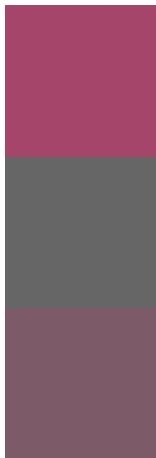
Deuteranomaly

132, 88, 102

Tritanomaly

163, 72, 88

Monochromacy



Original Color

164, 69, 105

Achromatopsia

102, 102, 102

Achromatomaly

125, 90, 103

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 69, 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(164, 69, 105)` looks like.

```
.text, #text, p{  
    color:rgb(164, 69, 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(164, 69, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 69, 105) }
```

Border

The CSS property to change the border of an element to RYB 164, 69, 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(164, 69, 105) }
```

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

```
.border{ border-color:rgb(164, 69, 105) }
```

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

Here you see how a box with a 4 pixel rgb(164, 69, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 69, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 69, 105);  
box-shadow:4px 4px 4px 4px rgb(164, 69,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 164, 69, 105 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 69, 105) }
```

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

```
.background{ background-color: rgb(164, 69,  
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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