

Converting Colors

YIQ(105.0000, 0.0000, 0.0000)

Have a look what the booklet for
YIQ(105.0000, 0.0000, 0.0000)
contains.

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Color

**YIQ(105.0000, 0.0000,
0.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	696969
RGB	105, 105, 105
RGB Percent	41%, 41%, 41%
CMY	0.5882, 0.5882, 0.5882
CMYK	0.00, 0.00, 0.00, 0.59
HSL	0°, 0%, 41%
HSV	121°, 0%, 41%
XYZ	13.4271, 14.1263, 15.3836
YIQ	105.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
R_{YB}	105, 105, 105
Decimal	6908265
CIE _{Lab}	44.41, 0.00, -0.01
CIE _{LCh}	44, 0.006, 296.813
Yxy	14.1263, 0.3127, 0.3290
Android (android.graphics.Color)	4285098345 (0xFF696969)
YUV	105.0000, 0.0000, 0.0000
Hunter-Lab	37.5850, -2.0054, 2.0421

Details

The YIQ color `105.0000, 0.0000, 0.0000` is a dark color, and the websafe version is hex `666666`, and the color name is `dimgray`. A complement of this color would be `105.0000, 0.0000, 0.0000`, and the grayscale version is `105.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `156.0000, -0.0000, -0.0000`, and `58.0000, -0.0000, 0.0000` is the 20% darker color. If you saturate the color by 10%, you get `100.8700, -2.7500, -5.2300`, and if you desaturate by 10%, it is `109.4290, 3.3460, 5.4420`.

Distribution



Red (41%)

Green (41%)

Blue (41%)



Red (41%)

Yellow (41%)

Blue (41%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (59%)



Cyan (59%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.0000, 0.0000, 0.0000 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 YIQ color 105.0000, 0.0000, 0.0000 by changing the saturation by 10% instead.

■ 105.0000, 0.0000,
0.0000

■ 105.0000, 0.0000,
0.0000

■ 255.0000, -0.0000,
-0.0000

■ 81.0000, -0.0000,
0.0000

■ 156.0000, -0.0000,
-0.0000

■ 58.0000, -0.0000,
0.0000

■ 183.0000, -0.0000,
-0.0000

■ 36.0000, -0.0000,
0.0000

■ 211.0000, 0.0000,
-0.0000

■ 15.0000, -0.0000,
-0.0000

■ 239.0000, -0.0000,
-0.0000

■ 0.0000, 0.0000,
0.0000

■ 105.0000, 0.0000,

■ 105.0000, 0.0000,

0.0000

0.0000

■ 100.8700, -2.7500,
-5.2300

■ 109.4290, 3.3460,
5.4420

■ 96.4410, -6.0960,
-10.6720

■ 113.5590, 6.0960,
10.6720

■ 91.8980, -9.1210,
-16.4250

■ 118.1020, 9.1210,
16.4250

■ 87.7680, -11.8710,
-21.6550

■ 122.2320, 11.8710,
21.6550

■ 83.3390, -15.2170,
-27.0970

■ 126.6610, 15.2170,
27.0970

■ 79.2090, -17.9670,
-32.3270

■ 130.7910, 17.9670,
32.3270

■ 74.6660, -20.9920,
-38.0800

■ 135.3340, 20.9920,
38.0800

■ 70.5360, -23.7420,
-43.3100

■ 139.4640, 23.7420,
43.3100

■ 66.1070, -27.0880,
-48.7520

■ 143.8930, 27.0880,
48.7520

Harmonies

Sweetspot

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



105.0000, 0.0000, 0.0000



138.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000



196.0000, -0.0000, -0.0000

Same Dimension

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



105.0000, 0.0000, 0.0000



138.0000, -0.0000, -0.0000



54.0000, -0.0000, 0.0000



69.0210, -33.1380, -60.2580



144.4990, -69.3010, -126.2690

Inverse Universe

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



105.0000, 0.0000, 0.0000



138.0000, -0.0000, -0.0000



54.0000, -0.0000, 0.0000



47.9790, 33.1380, 60.2580



100.5010, 69.3010, 126.2690

Previews

White Background



This preview shows how the YIQ color 105.0000, 0.0000, 0.0000 looks on a white background.

Color Contrast Check

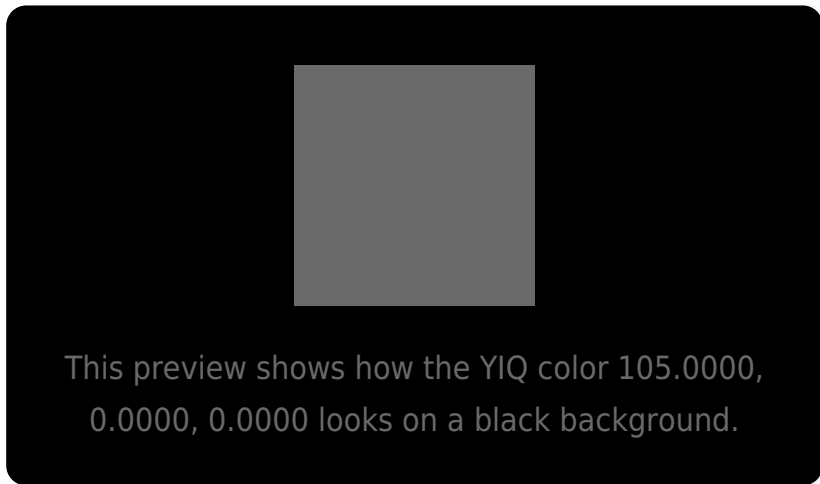
Large Text (above 18pt) WCAG AA ✓ Pass

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

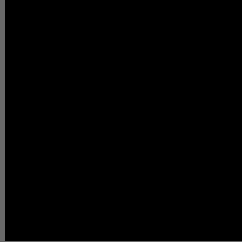
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.0000, 0.0000, 0.0000

Background



This preview shows how black text looks on a background with the YIQ color 105.0000, 0.0000, 0.0000.



This preview shows how white text looks on a background with the YIQ color 105.0000, 0.0000,

0.0000.

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

105.0000, 0.0000, 0.0000

Protanopia

105.0110, 1.4670, 0.9470

Deuteranopia

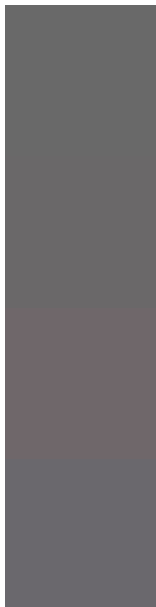
106.3430, 6.4640, 4.0000



Tritanopia

105.5100, -1.3760, 2.9120

Trichromacy



Original Color

105.0000, 0.0000, 0.0000

Protanomaly

104.7120, 0.8710, 0.7350

Deuteranomaly

105.7340, 3.8050, 2.6290

Tritanomaly

105.1680, -0.4130, 1.9790

Monochromacy



Original Color

105.0000, 0.0000, 0.0000

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.0000, 0.0000, 0.0000 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(105, 105, 105)` looks like.

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

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

Border

The CSS property to change the border of an element to YIQ 105.0000, 0.0000, 0.0000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

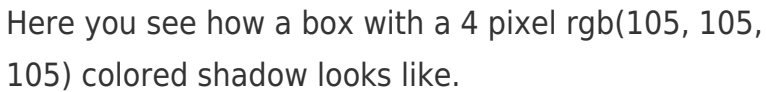
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 105, 105) }
```


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

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

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



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

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

Background

The CSS property to change the background color of an element to YIQ 105.0000, 0.0000, 0.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(105,  
105, 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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