

Converting Colors

YIQ(105.5310, -4.7280, 30.6320)

Have a look what the booklet for
YIQ(105.5310, -4.7280, 30.6320)
contains.

YIQ(105.5310, -4.7280, 30.6320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(105.5310, -4.7280,
30.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	7857A3
RGB	120, 87, 163
RGB Percent	47%, 34%, 64%
CMY	0.5293, 0.6589, 0.3609
CMYK	0.26, 0.47, 0.00, 0.36
HSL	266°, 30%, 49%
HSV	266°, 47%, 64%
XYZ	17.7664, 13.4532, 36.3014
YIQ	105.5310, -4.7280, 30.6320

Conversions

Conversions Part 2

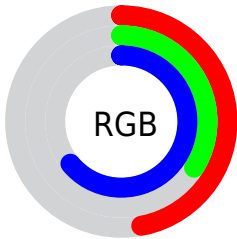
Format	Color
R _Y B	120, 87, 163
Decimal	7886755
CIE Lab	43.44, 29.68, -36.20
CIE LCh	43, 46.816, 309.351
Yxy	13.4532, 0.2631, 0.1992
Android (android.graphics.Color)	4286076835 (0xFF7857A3)
YUV	105.5310, 28.3322, 12.6893
Hunter-Lab	36.6786, 22.2743, -33.0053

Details

The YIQ color $105.5310, -4.7280, 30.6320$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $144.4690, 4.7280, -30.6320$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $157.8840, -4.2240, 32.5120$, and $56.7650, -5.5070, 28.2290$ is the 20% darker color. If you saturate the color by 10%, you get $93.4480, -5.6920, 37.0920$, and if you desaturate by 10%, it is $117.6140, -3.7640, 24.1720$.

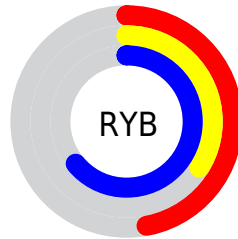
Distribution



Red (47%)

Green (34%)

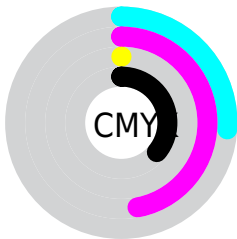
Blue (64%)



Red (47%)

Yellow (34%)

Blue (64%)

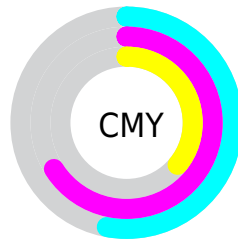


Cyan (26%)

Magenta (47%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (66%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.5310, -4.7280, 30.6320 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 105.5310, -4.7280, 30.6320 by changing the saturation by 10% instead.

■ 105.5310, -4.7280,
30.6320

■ 105.5310, -4.7280,
30.6320

■ 255.0000, -0.0000,
-0.0000

■ 80.5910, -4.9570,
29.2750

■ 157.8840, -4.2240,
32.5120

■ 56.7650, -5.5070,
28.2290

■ 184.8240, -3.9950,
33.8690

■ 33.5260, -6.3320,
26.6600

■ 210.2560, 3.2960,
28.3840

■ 13.0480, -7.9820,
23.5220

■ 233.8680, 9.9000,
18.8280

■ 5.7340, -13.3900,
11.3940

■ 250.8910, 1.9250,
3.6610

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,

0.0000

■ 105.5310, -4.7280,
30.6320

■ 105.5310, -4.7280,
30.6320

■ 93.4480, -5.6920,
37.0920

■ 117.6140, -3.7640,
24.1720

■ 80.7780, -6.3810,
44.0750

■ 130.2840, -3.0750,
17.1890

■ 68.3960, -7.9410,
50.3230

■ 142.6660, -1.5150,
10.9410

■ 56.3130, -8.9050,
56.7830

■ 154.7490, -0.5510,
4.4810

■ 43.6430, -9.5940,
63.7660

■ 166.8320, 0.4130,
-1.9790

■ 39.8110, -10.0070,
65.7450

■ 179.5020, 1.1020,
-8.9620

■ 191.8840, 2.6620,
-15.2100

■ 203.9670, 3.6260,
-21.6700

■ 216.6370, 4.3150,
-28.6530

Harmonies

Analogous

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



93.1260, -61.3480, 10.4920



105.5310, -4.7280, 30.6320



103.8530, 32.5920, 37.1040

Triad

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



105.5310, -4.7280, 30.6320



99.4370, 52.4530, -8.9790



84.0230, -69.8690, -27.8290

Complementary

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



105.5310, -4.7280, 30.6320



144.4690, 4.7280, -30.6320

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.



78.2890, -56.4790, -39.2230



105.5310, -4.7280, 30.6320



96.5340, 32.4660, -26.7180

Square

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



105.5310, -4.7280, 30.6320



99.9290, 60.6560, 13.0720



91.8810, -2.4240, -33.1760



87.6540, -81.4710, -15.7990

Rectangle

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



105.5310, -4.7280, 30.6320



100.9550, 49.7400, 34.7000



91.8810, -2.4240, -33.1760



82.5410, -65.6960, -31.8720

Sweetspot

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



105.5310, -4.7280, 30.6320



189.3070, -1.8820, 12.0860



120.9050, -36.2210, 1.1470



93.4440, -1.0100, 7.2940



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



105.5310, -4.7280, 30.6320



122.1140, -7.2070, 48.0330



116.8930, 17.9200, 38.6880



75.2220, -0.5050, 3.6470



35.3670, -8.9970, 58.4510



4.4440, -1.0100, 7.2940

Inverse Universe

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



114.6260, 31.4930, 29.4850



136.2190, 49.4170, 46.0650



133.1070, -17.9200, -38.6880



76.2610, 3.7590, 3.4630



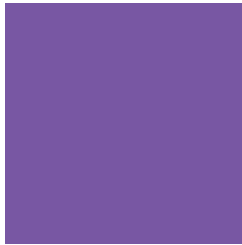
52.7030, 60.0980, 56.2420



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 105.5310, -4.7280, 30.6320 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



This preview shows how the YIQ color 105.5310, -4.7280, 30.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

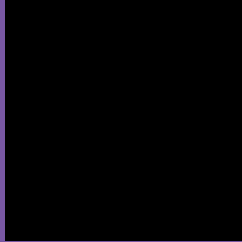
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.5310, -4.7280, 30.6320

Background



This preview shows how black text looks on a background with the YIQ color 105.5310, -4.7280, 30.6320.



This preview shows how white text looks on a background with the YIQ color 105.5310, -4.7280,

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

105.5310, -4.7280, 30.6320

Protanopia

99.8790, -41.3590, 17.1770

Deuteranopia

100.5280, -36.1770, 11.3670



Tritanopia

103.9020, 3.3920, 4.6080

Trichromacy



Original Color

105.5310, -4.7280, 30.6320

Protanomaly

101.8700, -27.9720, 22.3640

Deuteranomaly

102.2030, -24.7160, 18.4200

Tritanomaly

104.4430, 0.7310, 14.2910

Monochromacy



Original Color

105.5310, -4.7280, 30.6320

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.7800, -1.8360, 11.2520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.5310, -4.7280, 30.6320 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(120, 87, 163)` looks like.

```
.text, #text, p{  
    color:rgb(120, 87, 163)  
}
```

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(120, 87, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 87, 163) }
```

Border

The CSS property to change the border of an element to YIQ 105.5310, -4.7280, 30.6320 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(120, 87, 163) }
```


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

```
.border{ border-color:rgb(120, 87, 163) }
```

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

Here you see how a box with a 4 pixel rgb(120, 87, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 87, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 87, 163);  
box-shadow:4px 4px 4px 4px rgb(120, 87,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 105.5310, -4.7280, 30.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 87, 163) }
```

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

```
.background{ background-color: rgb(120, 87,  
163) }
```

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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