

Converting Colors

YIQ(107.3090, -12.2500,
45.8140)

Have a look what the booklet for
YIQ(107.3090, -12.2500, 45.8140)
contains.

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Color

**YIQ(107.3090, -12.2500,
45.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	7C51C7
RGB	124, 81, 199
RGB Percent	49%, 32%, 78%
CMY	0.5135, 0.6824, 0.2197
CMYK	0.38, 0.59, 0.00, 0.22
HSL	262°, 51%, 55%
HSV	262°, 59%, 78%
XYZ	21.5644, 14.2925, 55.6333
YIQ	107.3090, -12.2500, 45.8140

Conversions

Conversions Part 2

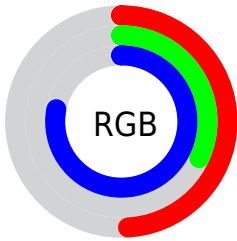
Format	Color
RYB	124, 81, 199
Decimal	8147399
CIELab	44.65, 43.54, -55.32
CIELCh	45, 70.398, 308.201
Yxy	14.2925, 0.2357, 0.1562
Android (android.graphics.Color)	4286337479 (0xFF7C51C7)
YUV	107.3090, 45.2037, 14.6380
Hunter-Lab	37.8054, 35.6579, -60.7854

Details

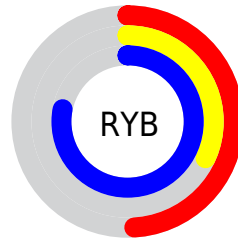
The YIQ color **107.3090, -12.2500, 45.8140** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **172.6910, 12.2500, -45.8140**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6730, -10.2790, 48.6410**, and **55.5320, -14.4960, 42.4640** is the 20% darker color. If you saturate the color by 10%, you get **91.6820, -14.4980, 53.5180**, and if you desaturate by 10%, it is **122.9360, -10.0020, 38.1100**.

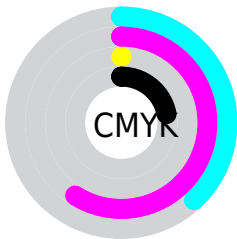
Distribution



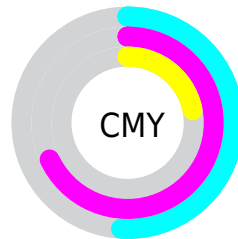
- Red (49%)
- Green (32%)
- Blue (78%)



- Red (49%)
- Yellow (32%)
- Blue (78%)



- Cyan (38%)
- Magenta (59%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (68%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.3090, -12.2500, 45.8140 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 107.3090, -12.2500, 45.8140 by changing the saturation by 10% instead.

■ 107.3090,
-12.2500, 45.8140

■ 107.3090,
-12.2500, 45.8140

■ 255.0000, -0.0000,
-0.0000

■ 81.6570, -13.3500,
43.7220

■ 160.6730,
-10.2790, 48.6410

■ 55.5320, -14.4960,
42.4640

■ 185.1930, -0.4200,
40.6680

■ 28.3360, -16.8800,
41.6160

■ 209.7130, 9.4390,
32.6950

■ 10.4880, -29.5320,
28.6120

■ 230.9330, 11.2750,
21.4430

■ 7.7520, -21.8280,
21.1480

■ 247.9560, 3.3000,
6.2760

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 107.3090,
-12.2500, 45.8140

■ 107.3090,
-12.2500, 45.8140

■ 91.6820, -14.4980,
53.5180

■ 122.9360,
-10.0020, 38.1100

■ 76.3540, -16.1500,
61.4340

■ 138.2640, -8.3500,
30.1940

■ 60.7270, -18.3980,
69.1380

■ 153.8910, -6.1020,
22.4900

■ 45.3990, -20.0500,
77.0540

■ 169.5180, -3.8540,
14.7860

■ 44.5130, -20.3710,
77.3650

■ 184.2590, -1.9270,
7.3930

■ 199.8860, 0.3210,
-0.3110

■ 215.2140, 1.9730,
-8.2270

■ 230.8410, 4.2210,
-15.9310

■ 243.5330, 7.8440,
-21.0200

Harmonies

Analogous

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



88.8180, -101.2830, 12.8690



107.3090, -12.2500, 45.8140



97.3680, 51.1560, 64.1160

Triad

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



107.3090, -12.2500, 45.8140



98.9200, 72.9020, -10.6340



90.1040, -74.5910, -30.3590

Complementary

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



107.3090, -12.2500, 45.8140



172.6910, 12.2500, -45.8140

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.



81.8620, -54.1390, -48.5950



107.3090, -12.2500, 45.8140



97.4820, 38.2440, -32.3160

Square

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



107.3090, -12.2500, 45.8140



93.4060, 90.4100, 24.5060



84.7810, -5.8590, -53.5310



96.4880, -92.5670, -12.9430

Rectangle

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



107.3090, -12.2500, 45.8140



84.0310, 80.0860, 68.4540



84.7810, -5.8590, -53.5310



87.7100, -67.8500, -36.8900

Sweetspot

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



107.3090, -12.2500, 45.8140



219.3270, -4.6340, 17.9100



139.6510, -59.0530, -3.5730



105.5950, -2.7530, 11.3510



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



107.3090, -12.2500, 45.8140



114.3680, -18.7650, 70.2830



124.3520, 21.7220, 57.8980



91.9230, -1.1010, 3.4350



36.5220, -16.5630, 63.4130



7.9910, -3.8080, 13.9520

Inverse Universe

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



124.8320, 46.2530, 48.3410



141.2290, 70.9610, 74.1370



155.6480, -21.7220, -57.8980



93.3750, 3.4380, 3.7740



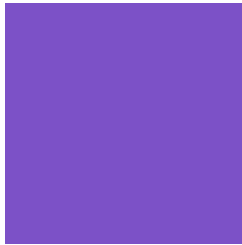
60.5930, 63.7640, 66.9000



13.3860, 14.0730, 14.7850

Previews

White Background



This preview shows how the YIQ color 107.3090, -12.2500, 45.8140 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 107.3090, -12.2500, 45.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

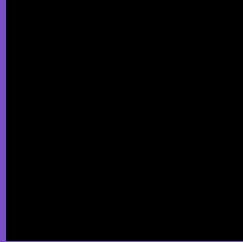
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.3090, -12.2500, 45.8140

Background



This preview shows how black text looks on a background with the YIQ color 107.3090, -12.2500, 45.8140.



This preview shows how white text looks on a background with the YIQ color 107.3090, -12.2500,

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

107.3090, -12.2500, 45.8140

Protanopia

84.6120, -97.7070, 14.1410

Deuteranopia

85.0560, -90.6900, 2.6060



Tritanopia

105.9120, -2.5680, 2.4880

Trichromacy



Original Color

107.3090, -12.2500, 45.8140



Protanomaly

92.5730, -66.4400, 25.6880



Deuteranomaly

92.9830, -62.0830, 18.3090



Tritanomaly

106.2560, -5.8720, 18.3200

Monochromacy



Original Color

107.3090, -12.2500, 45.8140



Achromatopsia

107.0000, -0.0000, 0.0000



Achromatomaly

107.2730, -4.5420, 16.2420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.3090, -12.2500, 45.8140 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(124, 81, 199)` looks like.

```
.text, #text, p{  
    color:rgb(124, 81, 199)  
}
```

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(124, 81, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 81, 199) }
```

Border

The CSS property to change the border of an element to YIQ 107.3090, -12.2500, 45.8140 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(124, 81, 199) }
```


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

```
.border{ border-color:rgb(124, 81, 199) }
```

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

Here you see how a box with a 4 pixel rgb(124, 81, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 81, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 81, 199);  
box-shadow:4px 4px 4px 4px rgb(124, 81,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 107.3090, -12.2500, 45.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 81, 199) }
```

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

```
.background{ background-color: rgb(124, 81,  
199) }
```

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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