

Converting Colors

YIQ(105.3390, 14.5690, 60.8810)

Have a look what the booklet for
YIQ(105.3390, 14.5690, 60.8810)
contains.

YIQ(105.3390, 14.5690, 60.8810)	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(105.3390, 14.5690,
60.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	9D3EC1
RGB	157, 62, 193
RGB Percent	62%, 24%, 76%
CMY	0.3840, 0.7570, 0.2432
CMYK	0.19, 0.68, 0.00, 0.24
HSL	284°, 51%, 50%
HSV	284°, 68%, 76%
XYZ	25.2648, 14.4667, 51.9063
YIQ	105.3390, 14.5690, 60.8810

Conversions

Conversions Part 2

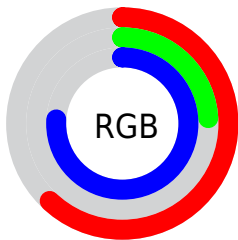
Format	Color
R _Y B	157, 62, 193
Decimal	10305217
CIE Lab	44.89, 59.01, -51.25
CIE LCh	45, 78.154, 319.027
Yxy	14.4667, 0.2757, 0.1579
Android (android.graphics.Color)	4288495297 (0xFF9D3EC1)
YUV	105.3390, 43.2169, 45.3067
Hunter-Lab	38.0351, 52.0071, -54.2882

Details

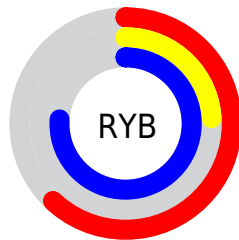
The YIQ color **105.3390, 14.5690, 60.8810** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **149.6610, -14.5690, -60.8810**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8770, 15.9900, 62.6620**, and **46.0450, 15.5770, 64.6410** is the 20% darker color. If you saturate the color by 10%, you get **92.6910, 16.8140, 69.7580**, and if you desaturate by 10%, it is **117.9870, 12.3240, 52.0040**.

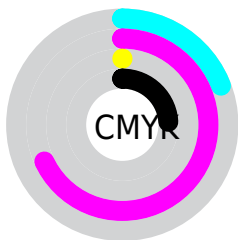
Distribution



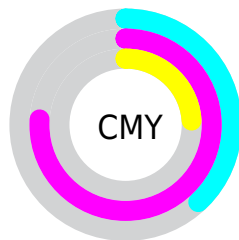
- Red (62%)
- Green (24%)
- Blue (76%)



- Red (62%)
- Yellow (24%)
- Blue (76%)



- Cyan (19%)
- Magenta (68%)
- Yellow (0%)
- Black (24%)



- Cyan (38%)
- Magenta (76%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.3390, 14.5690, 60.8810 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 105.3390, 14.5690, 60.8810 by changing the saturation by 10% instead.

105.3390, 14.5690,
60.8810

105.3390, 14.5690,
60.8810

255.0000, -0.0000,
-0.0000

76.1650, 15.1190,
61.9270

160.8770, 15.9900,
62.6620

46.0450, 15.5770,
64.6410

186.5540, 23.9690,
55.7210

34.8940, 8.1520,
50.5200

206.2790, 22.8250,
43.4090

23.9710, 0.0850,
37.0210

222.7150, 15.1250,
28.7650

12.5640, -9.4950,
23.4090

239.7380, 7.1500,
13.5980

6.3210, -13.6650,
10.8710

2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 105.3390, 14.5690,
60.8810

■ 105.3390, 14.5690,
60.8810

■ 92.6910, 16.8140,
69.7580

■ 117.9870, 12.3240,
52.0040

■ 79.4560, 19.3340,
79.1580

■ 131.5210, 10.4000,
42.8160

■ 66.5090, 20.9830,
87.8230

■ 144.1690, 8.1550,
33.9390

■ 63.8620, 21.4870,
89.7030

■ 156.8170, 5.9100,
25.0620

■ 169.7640, 4.2610,
16.3970

■ 182.9990, 1.7410,
6.9970

■ 195.6470, -0.5040,
-1.8800

■ 208.2950, -2.7490,
-10.7570

■ 221.8290, -4.6730,
-19.9450

Harmonies

Analogous

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



85.1480, -101.9720, 19.8520



105.3390, 14.5690, 60.8810



77.0550, 80.6790, 85.2470

Triad

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



105.3390, 14.5690, 60.8810



100.6150, 63.2750, -17.8850



94.8290, -83.7620, -23.8420

Complementary

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



105.3390, 14.5690, 60.8810



149.6610, -14.5690, -60.8810

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.



85.9030, -61.3840, -43.9440



105.3390, 14.5690, 60.8810



95.3010, 22.3360, -41.3760

Square

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



105.3390, 14.5690, 60.8810



92.3400, 98.8030, 10.0590



73.9620, -34.6500, -65.8980



100.2670, -101.8300, -4.7580

Rectangle

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



105.3390, 14.5690, 60.8810



74.8440, 99.8460, 73.7820



73.9620, -34.6500, -65.8980



92.3210, -76.7000, -30.6840

Sweetspot

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



105.3390, 14.5690, 60.8810



216.4640, 5.4060, 23.1820



98.6530, -52.2260, 21.3900



104.9980, 3.4820, 13.9940



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



105.3390, 14.5690, 60.8810



114.0950, 22.4490, 94.2970



112.9110, 45.0130, 59.8050



90.2330, 0.9620, 4.5940



53.3370, 18.0510, 74.8750



10.9380, 3.7110, 15.3510

Inverse Universe

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



105.2730, 66.5200, 38.9680



114.0810, 103.0120, 60.4520



142.0890, -45.0130, -59.8050



90.3320, 4.9970, 3.0530



53.1550, 81.8320, 47.8160



10.8930, 16.7790, 9.7950

Previews

White Background



This preview shows how the YIQ color 105.3390, 14.5690, 60.8810 looks on a white background.

Color Contrast Check

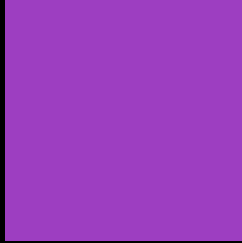
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.3390, 14.5690, 60.8810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

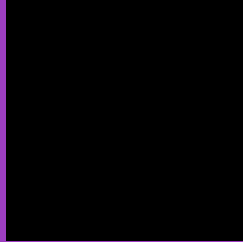
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.3390, 14.5690, 60.8810

Background



This preview shows how black text looks on a background with the YIQ color 105.3390, 14.5690, 60.8810.



This preview shows how white text looks on a background with the YIQ color 105.3390, 14.5690,

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

105.3390, 14.5690, 60.8810

Protanopia

85.3130, -98.3030, 13.9290

Deuteranopia

97.9410, -62.2650, 10.5910



Tritanopia

108.0470, 28.1490, 12.9890

Trichromacy



Original Color

105.3390, 14.5690, 60.8810



Protanomaly

92.5250, -57.3170, 31.0590



Deuteranomaly

100.5630, -34.1170, 29.1070



Tritanomaly

106.9610, 23.2400, 30.3760

Monochromacy



Original Color

105.3390, 14.5690, 60.8810



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

104.9370, 5.4520, 22.3480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.3390, 14.5690, 60.8810 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(157, 62, 193)` looks like.

```
.text, #text, p{  
    color:rgb(157, 62, 193)  
}
```

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(157, 62, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 62, 193) }
```

Border

The CSS property to change the border of an element to YIQ 105.3390, 14.5690, 60.8810 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(157, 62, 193) }
```


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

```
.border{ border-color:rgb(157, 62, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 62, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 62, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 62, 193);  
box-shadow:4px 4px 4px 4px rgb(157, 62,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 105.3390, 14.5690, 60.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 62, 193) }
```

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

```
.background{ background-color: rgb(157, 62,  
193) }
```

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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