

Converting Colors

YIQ(117.5720, -101.3710,
-7.5710)

Have a look what the booklet for
YIQ(117.5720, -101.3710, -7.5710)
contains.

YIQ(117.5720, -101.3710, -7.5710)	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(117.5720, -101.3710,
-7.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	1096D9
RGB	16, 150, 217
RGB Percent	6%, 59%, 85%
CMY	0.9374, 0.4115, 0.1495
CMYK	0.93, 0.31, 0.00, 0.15
HSL	200°, 86%, 46%
HSV	200°, 93%, 85%
XYZ	23.6372, 26.9440, 69.5216
YIQ	117.5720, -101.3710, -7.5710

Conversions

Conversions Part 2

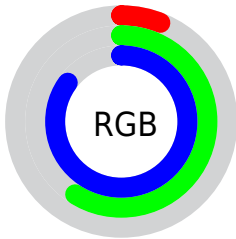
Format	Color
R _Y B	16, 96, 217
Decimal	1087193
CIE Lab	58.92, -8.51, -43.04
CIE LCh	59, 43.877, 258.813
Yxy	26.9440, 0.1968, 0.2243
Android (android.graphics.Color)	4279277273 (0xFF1096D9)
YUV	117.5720, 49.0180, -89.0786
Hunter-Lab	51.9076, -9.5548, -43.0737

Details

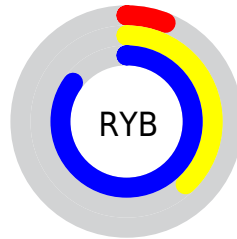
The YIQ color **117.5720, -101.3710, -7.5710** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **115.4280, 101.3710, 7.5710**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5120, -74.7790, -4.9150**, and **77.1680, -79.5020, -1.9180** is the 20% darker color. If you saturate the color by 10%, you get **109.8530, -109.5320, -8.3480**, and if you desaturate by 10%, it is **128.2590, -90.1840, -6.5680**.

Distribution



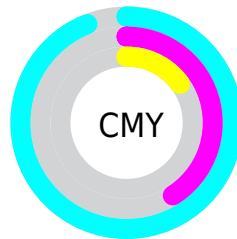
- Red (6%)
- Green (59%)
- Blue (85%)



- Red (6%)
- Yellow (38%)
- Blue (85%)



- Cyan (93%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (94%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.5720, -101.3710, -7.5710 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 117.5720, -101.3710, -7.5710 by changing the saturation by 10% instead.

■ 117.5720,
-101.3710, -7.5710

■ 117.5720,
-101.3710, -7.5710

■ 255.0000, -0.0000,
-0.0000

■ 94.3340, -94.7690,
-6.0730

■ 180.5120,
-74.7790, -4.9150

■ 77.1680, -79.5020,
-1.9180

■ 206.5160,
-63.4070, -12.7750

■ 60.0020, -64.2350,
2.2370

■ 229.2860,
-51.2560, -18.2320

■ 44.1240, -49.8390,
5.6570

■ 238.5550,
-32.7800, -11.6600

■ 29.0610, -36.3600,
9.1760

■ 247.8240,
-14.3040, -5.0880

■ 10.4760, -21.2310,
15.8330

■ 6.0930, -13.0230,

10.2490

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 117.5720,
-101.3710, -7.5710

■ 117.5720,
-101.3710, -7.5710

■ 109.8530,
-109.5320, -8.3480

■ 128.2590,
-90.1840, -6.5680

■ 138.6470,
-79.5930, -5.7770

■ 149.9210,
-68.6810, -5.2970

■ 160.6080,
-57.4940, -4.2940

■ 170.9960,
-46.9030, -3.5030

■ 181.6830,
-35.7160, -2.5000

■ 192.9570,
-24.8040, -2.0200

■ 203.3450,
-14.2130, -1.2290

■ 214.0320, -3.0260,
-0.2260

Harmonies

Analogous

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



115.4320, -107.3290, -20.7450



117.5720, -101.3710, -7.5710



141.1080, -34.5740, 20.8660

Triad

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



117.5720, -101.3710, -7.5710



142.1220, 59.0950, 24.8470



130.4220, -14.2530, -33.5570

Complementary

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



117.5720, -101.3710, -7.5710



115.4280, 101.3710, 7.5710

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.



135.9720, 22.4250, -26.4630



117.5720, -101.3710, -7.5710



141.4140, 60.4280, 6.1880

Square

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



117.5720, -101.3710, -7.5710



144.7630, 41.5330, 34.7570



139.5780, 47.5020, -12.8660



114.2640, -72.5260, -40.2540

Rectangle

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



117.5720, -101.3710, -7.5710



145.4170, -4.4070, 30.3210



139.5780, 47.5020, -12.8660



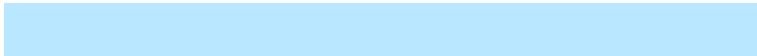
132.4190, -1.0030, -31.3950

Sweetspot

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



117.5720, -101.3710, -7.5710



219.6830, -35.7160, -2.5000



141.2830, -75.8190, -85.2190



106.0390, -22.0990, -1.4830



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.



117.5720, -101.3710, -7.5710



128.8600, -128.6050, -9.6050



60.6330, -74.6960, 43.1600



104.3630, -5.4560, -0.2400



87.8140, -87.4330, -6.8650



23.4410, -23.2910, -1.9070

Inverse Universe

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



91.3750, 76.7820, 84.2860



95.6250, 97.4100, 106.9300



172.3670, 74.6960, -43.1600



103.0870, 4.3090, 4.5090



64.9510, 65.8720, 72.7520



17.2880, 17.4650, 19.3930

Previews

White Background



This preview shows how the YIQ color 117.5720, -101.3710, -7.5710 looks on a white 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

Black Background



This preview shows how the YIQ color 117.5720, -101.3710, -7.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

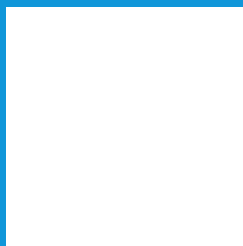
Any Text WCAG AAA × Fail

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

YIQ 117.5720, -101.3710, -7.5710 Background



This preview shows how black text looks on a background with the YIQ color 117.5720, -101.3710, -7.5710.



This preview shows how white text looks on a background with the YIQ color 117.5720, -101.3710, -7.5710.

-7.5710.

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

117.5720, -101.3710, -7.5710

Protanopia

140.4730, -34.3440, 16.6960

Deuteranopia

137.6330, -49.4740, 15.5660



Tritanopia

111.3110, -97.1030, -29.8630

Trichromacy



Original Color

117.5720, -101.3710, -7.5710

Protanomaly

132.2140, -58.7800, 8.0040

Deuteranomaly

130.0110, -68.4540, 7.1140

Tritanomaly

113.3960, -98.4800, -21.4240

Monochromacy



Original Color

117.5720, -101.3710, -7.5710

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.0850, -36.9080, -2.9240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.5720, -101.3710, -7.5710 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(16, 150, 217)` looks like.

```
.text, #text, p{  
    color:rgb(16, 150, 217)  
}
```

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(16, 150, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 150, 217) }
```

Border

The CSS property to change the border of an element to YIQ 117.5720, -101.3710, -7.5710 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(16, 150, 217) }
```


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

```
.border{ border-color:rgb(16, 150, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 150, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 150, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 150, 217);  
box-shadow:4px 4px 4px 4px rgb(16, 150,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 117.5720, -101.3710, -7.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 150, 217) }
```

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

```
.background{ background-color: rgb(16, 150,  
217) }
```

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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