

Converting Colors

YIQ(104.6490, -99.1290,
17.8870)

Have a look what the booklet for
YIQ(104.6490, -99.1290, 17.8870)
contains.

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Color

**YIQ(104.6490, -99.1290,
17.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	1578F5
RGB	21, 120, 245
RGB Percent	8%, 47%, 96%
CMY	0.9176, 0.5292, 0.0397
CMYK	0.91, 0.51, 0.00, 0.04
HSL	213°, 92%, 52%
HSV	213°, 91%, 96%
XYZ	23.4923, 20.1870, 88.9445
YIQ	104.6490, -99.1290, 17.8870

Conversions

Conversions Part 2

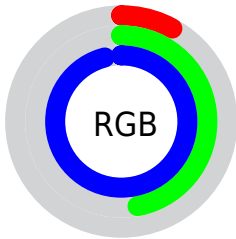
Format	Color
R _Y B	21, 90, 245
Decimal	1407221
CIE Lab	52.05, 20.47, -69.64
CIE LCh	52, 72.584, 286.385
Yxy	20.1870, 0.1771, 0.1522
Android (android.graphics.Color)	4279597301 (0xFF1578F5)
YUV	104.6490, 69.1930, -73.3602
Hunter-Lab	44.9299, 14.7041, -85.9212

Details

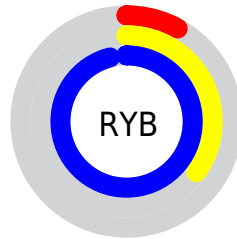
The YIQ color **104.6490, -99.1290, 17.8870** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **161.3510, 99.1290, -17.8870**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **164.1200, -61.2110, 13.5170**, and **64.2830, -80.4230, 20.2890** is the 20% darker color. If you saturate the color by 10%, you get **91.3260, -108.3450, 19.7110**, and if you desaturate by 10%, it is **120.0430, -88.6750, 15.6530**.

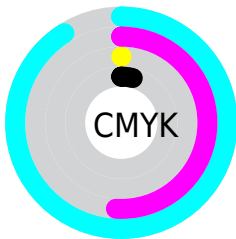
Distribution



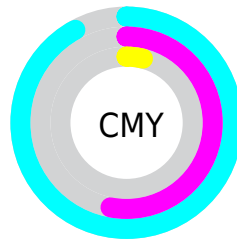
- Red (8%)
- Green (47%)
- Blue (96%)



- Red (8%)
- Yellow (35%)
- Blue (96%)



- Cyan (91%)
- Magenta (51%)
- Yellow (0%)
- Black (4%)



- Cyan (92%)
- Magenta (53%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.6490, -99.1290, 17.8870 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 104.6490, -99.1290, 17.8870 by changing the saturation by 10% instead.

■ 104.6490,
-99.1290, 17.8870

■ 104.6490,
-99.1290, 17.8870

■ 255.0000, -0.0000,
-0.0000

■ 80.9760, -95.7360,
16.9680

■ 164.1200,
-61.2110, 13.5170

■ 64.2830, -80.4230,
20.2890

■ 189.8360,
-48.9680, 6.3920

■ 48.7640, -65.6600,
22.5640

■ 215.2530,
-37.3210, -0.9450

■ 34.5330, -51.7680,
24.1040

■ 241.8440,
-26.2240, -9.3280

■ 18.0680, -37.0970,
28.0470

■ 251.1130, -7.7480,
-2.7560

■ 15.8050, -29.3470,
19.7490

■ 9.5470, -19.9930,

15.4230

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 104.6490,
-99.1290, 17.8870

■ 104.6490,
-99.1290, 17.8870

■ 91.3260,
-108.3450, 19.7110

■ 120.0430,
-88.6750, 15.6530

■ 135.1490,
-77.3500, 14.1540

■ 150.5430,
-66.8960, 11.9200

■ 166.2360,
-55.8460, 9.8980

■ 181.0430,
-45.1170, 8.1870

■ 196.7360,
-34.0670, 6.1650

■ 212.1300,
-23.6130, 3.9310

■ 227.2360,
-12.2880, 2.4320

■ 242.6300, -1.8340,
0.1980

Harmonies

Analogous

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



110.2240, -117.4660, 3.2860



104.6490, -99.1290, 17.8870



126.5290, 7.9220, 54.6900

Triad

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



104.6490, -99.1290, 17.8870



114.9960, 94.0800, 13.0560



98.6520, -71.1030, -49.5270

Complementary

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



104.6490, -99.1290, 17.8870



161.3510, 99.1290, -17.8870

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.



96.1200, -29.1030, -61.7990



104.6490, -99.1290, 17.8870



116.8840, 72.5830, -21.3770

Square

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



104.6490, -99.1290, 17.8870



109.3200, 94.6690, 51.9570



112.7660, 34.0280, -44.0200



106.6490, -92.2430, -29.8350

Rectangle

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



104.6490, -99.1290, 17.8870



119.9980, 49.3220, 64.3140



112.7660, 34.0280, -44.0200



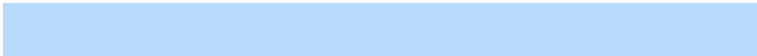
94.9700, -63.4910, -55.3230

Sweetspot

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



104.6490, -99.1290, 17.8870



212.0630, -30.6740, 5.2460



166.5100, -101.0830, -78.8990



102.2400, -18.1110, 3.3370



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.



104.6490, -99.1290, 17.8870



95.4010, -112.9300, 20.2060



49.8250, -65.3480, 71.9960



114.8900, -5.5020, 0.5940



69.3380, -82.2560, 14.9600



21.9880, -26.0890, 4.7510

Inverse Universe

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



99.2620, 101.7250, 78.2770



89.1270, 115.7070, 89.2030



216.1750, 65.3480, -71.9960



114.2720, 5.2260, 4.4100



64.9620, 84.5340, 64.9340



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 104.6490, -99.1290, 17.8870 looks on a white background.

Color Contrast Check

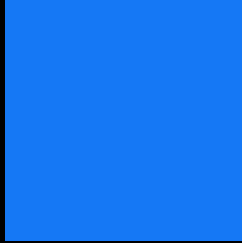
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.6490, -99.1290, 17.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

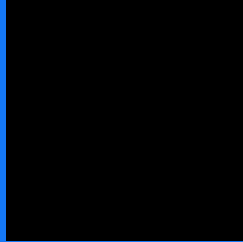
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

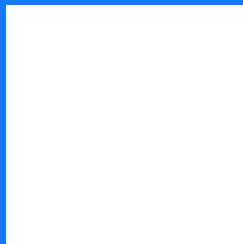
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 104.6490, -99.1290, 17.8870

Background



This preview shows how black text looks on a background with the YIQ color 104.6490, -99.1290, 17.8870.



This preview shows how white text looks on a background with the YIQ color 104.6490, -99.1290,

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

104.6490, -99.1290, 17.8870

Protanopia

110.5260, -85.4210, 22.7630

Deuteranopia

98.9280, -104.9490, 2.2110



Tritanopia

97.0630, -84.5410, -26.2450

Trichromacy



Original Color

104.6490, -99.1290, 17.8870

Protanomaly

108.1340, -90.1890, 21.0670

Deuteranomaly

101.1720, -102.5200, 7.7520

Tritanomaly

100.0370, -89.6790, -10.2150

Monochromacy



Original Color

104.6490, -99.1290, 17.8870

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.4800, -36.2220, 6.6740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.6490, -99.1290, 17.8870 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(21, 120, 245)` looks like.

```
.text, #text, p{  
    color:rgb(21, 120, 245)  
}
```

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(21, 120, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 120, 245) }
```

Border

The CSS property to change the border of an element to YIQ 104.6490, -99.1290, 17.8870 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(21, 120, 245) }
```


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

```
.border{ border-color:rgb(21, 120, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 120, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 120, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 120, 245);  
box-shadow:4px 4px 4px 4px rgb(21, 120,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 104.6490, -99.1290, 17.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 120, 245) }
```

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

```
.background{ background-color: rgb(21, 120,  
245) }
```

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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