

Converting Colors

YIQ(104.5060, -91.8370, 6.8750)

Have a look what the booklet for
YIQ(104.5060, -91.8370, 6.8750)
contains.

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Color

**YIQ(104.5060, -91.8370,
6.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	157DDA
RGB	21, 125, 218
RGB Percent	8%, 49%, 85%
CMY	0.9177, 0.5096, 0.1455
CMYK	0.90, 0.43, 0.00, 0.15
HSL	208°, 82%, 47%
HSV	208°, 90%, 85%
XYZ	20.2877, 19.8934, 69.0239
YIQ	104.5060, -91.8370, 6.8750

Conversions

Conversions Part 2

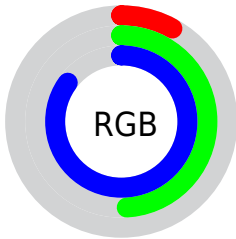
Format	Color
RYB	21, 89, 218
Decimal	1408474
CIELab	51.72, 6.93, -55.06
CIELCh	52, 55.490, 277.178
Yxy	19.8934, 0.1858, 0.1822
Android (android.graphics.Color)	4279598554 (0xFF157DDA)
YUV	104.5060, 55.9525, -73.2348
Hunter-Lab	44.6020, 3.1393, -60.5328

Details

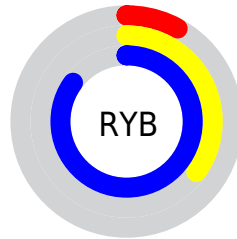
The YIQ color **104.5060, -91.8370, 6.8750** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **134.4940, 91.8370, -6.8750**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **164.9620, -66.7580, 9.4180**, and **63.6670, -73.1770, 10.1110** is the 20% darker color. If you saturate the color by 10%, you get **92.3570, -101.6030, 7.6530**, and if you desaturate by 10%, it is **116.9540, -81.4750, 6.3090**.

Distribution



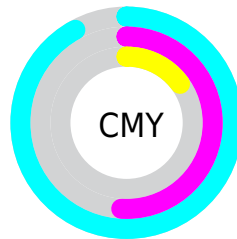
- Red (8%)
- Green (49%)
- Blue (85%)



- Red (8%)
- Yellow (35%)
- Blue (85%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)
- Black (15%)



- Cyan (92%)
- Magenta (51%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.5060, -91.8370, 6.8750 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 104.5060, -91.8370, 6.8750 by changing the saturation by 10% instead.

■ 104.5060,
-91.8370, 6.8750

■ 104.5060,
-91.8370, 6.8750

■ 255.0000, -0.0000,
-0.0000

■ 80.3600, -88.4900,
6.7900

■ 164.9620,
-66.7580, 9.4180

■ 63.6670, -73.1770,
10.1110

■ 190.3790,
-55.1110, 2.0810

■ 47.6750, -58.4600,
13.2200

■ 216.0840,
-44.3350, -5.9910

■ 33.0850, -44.9350,
15.9050

■ 238.5550,
-32.7800, -11.6600

■ 16.7340, -30.5850,
20.1590

■ 247.8240,
-14.3040, -5.0880

■ 10.4760, -21.2310,
15.8330

■ 5.5060, -12.7480,

10.7720

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 104.5060,
-91.8370, 6.8750

■ 104.5060,
-91.8370, 6.8750

■ 92.3570,
-101.6030, 7.6530

■ 116.9540,
-81.4750, 6.3090

■ 129.9890,
-71.3880, 5.2200

■ 142.1380,
-61.6220, 4.4420

■ 154.5860,
-51.2600, 3.8760

■ 167.0340,
-40.8980, 3.3100

■ 180.0690,
-30.8110, 2.2210

■ 192.5170,
-20.4490, 1.6550

■ 204.6660,
-10.6830, 0.8770

■ 217.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



105.0600, -105.6810, -6.5530



104.5060, -91.8370, 6.8750



126.7680, -9.5890, 36.1310

Triad

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



104.5060, -91.8370, 6.8750



119.8060, 74.3640, 17.9480



93.5170, -66.2890, -48.6650

Complementary

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



104.5060, -91.8370, 6.8750



134.4940, 91.8370, -6.8750

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.



110.6930, 0.7410, -40.9790



104.5060, -91.8370, 6.8750



118.8530, 65.8410, -9.3190

Square

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



104.5060, -91.8370, 6.8750



119.8000, 66.4740, 39.8020



115.4780, 44.0670, -33.2210



100.9780, -83.1640, -34.6840

Rectangle

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



104.5060, -91.8370, 6.8750



125.9910, 23.6960, 44.1440



115.4780, 44.0670, -33.2210



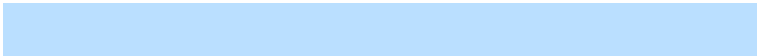
99.9020, -42.4480, -45.7120

Sweetspot

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



104.5060, -91.8370, 6.8750



215.5850, -32.3240, 2.1080



147.1270, -83.7070, -74.4190



104.0010, -18.9360, 1.7680



0.0000, 0.0000, 0.0000



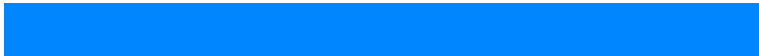
128.0000, -0.0000, -0.0000

Same Dimension

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



104.5060, -91.8370, 6.8750



108.3150, -118.9800, 8.7000



47.5670, -65.1620, 57.6060



103.1890, -4.9060, 0.8060



73.7260, -80.8330, 5.6870



19.3320, -21.3660, 1.7540

Inverse Universe

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



91.7590, 84.0280, 74.1080



91.6350, 108.6450, 96.0450



191.4330, 65.1620, -57.6060



102.8590, 4.9510, 3.8870



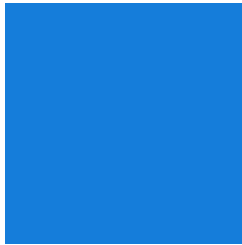
62.2150, 73.5760, 65.2880



16.4900, 19.7120, 17.2160

Previews

White Background



This preview shows how the YIQ color 104.5060, -91.8370, 6.8750 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 104.5060, -91.8370, 6.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

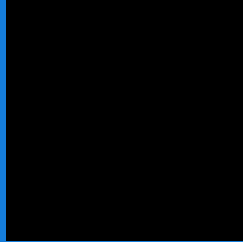
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 104.5060, -91.8370, 6.8750

Background



This preview shows how black text looks on a background with the YIQ color 104.5060, -91.8370, 6.8750.



This preview shows how white text looks on a background with the YIQ color 104.5060, -91.8370, 6.8750.

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

104.5060, -91.8370, 6.8750

Protanopia

118.2400, -52.5010, 20.8670

Deuteranopia

107.2080, -85.0060, 9.7300



Tritanopia

96.4760, -84.2660, -25.7220

Trichromacy



Original Color

104.5060, -91.8370, 6.8750

Protanomaly

113.0640, -66.8050, 15.7790

Deuteranomaly

106.0120, -87.3900, 8.8820

Tritanomaly

99.4840, -86.7440, -13.8480

Monochromacy



Original Color

104.5060, -91.8370, 6.8750

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.5140, -33.5620, 2.5180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.5060, -91.8370, 6.8750 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, 125, 218)` looks like.

```
.text, #text, p{  
    color:rgb(21, 125, 218)  
}
```

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, 125, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 125, 218) }
```

Border

The CSS property to change the border of an element to YIQ 104.5060, -91.8370, 6.8750 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, 125, 218) }
```


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

```
.border{ border-color:rgb(21, 125, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 125, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 125, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 125, 218);  
box-shadow:4px 4px 4px 4px rgb(21, 125,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 104.5060, -91.8370, 6.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 125, 218) }
```

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

```
.background{ background-color: rgb(21, 125,  
218) }
```

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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