

Converting Colors

YIQ(91.2030, -86.6100, 5.7580)

Have a look what the booklet for
YIQ(91.2030, -86.6100, 5.7580)
contains.

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Color

**YIQ(91.2030, -86.6100,
5.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	0C6FC5
RGB	12, 111, 197
RGB Percent	5%, 44%, 77%
CMY	0.9530, 0.5645, 0.2279
CMYK	0.94, 0.44, 0.00, 0.23
HSL	208°, 89%, 41%
HSV	208°, 94%, 77%
XYZ	15.9060, 15.4823, 54.9105
YIQ	91.2030, -86.6100, 5.7580

Conversions

Conversions Part 2

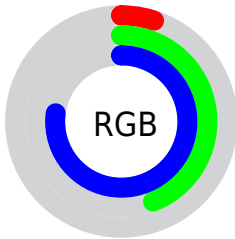
Format	Color
R_{YB}	12, 76, 197
Decimal	815045
CIE Lab	46.29, 7.05, -51.80
CIE LCh	46, 52.280, 277.754
Yxy	15.4823, 0.1843, 0.1794
Android (android.graphics.Color)	4279005125 (0xFF0C6FC5)
YUV	91.2030, 52.1579, -69.4610
Hunter-Lab	39.3475, 3.2996, -55.1975

Details

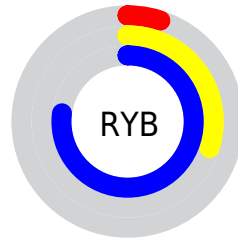
The YIQ color **91.2030, -86.6100, 5.7580** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **117.7970, 86.6100, -5.7580**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.6510, -67.0800, 15.2560**, and **53.7560, -63.1820, 10.6900** is the 20% darker color. If you saturate the color by 10%, you get **84.0930, -92.1120, 6.3520**, and if you desaturate by 10%, it is **102.4660, -77.1650, 5.2910**.

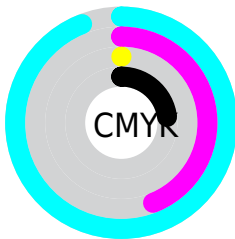
Distribution



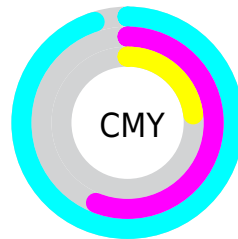
- Red (5%)
- Green (44%)
- Blue (77%)



- Red (5%)
- Yellow (30%)
- Blue (77%)



- Cyan (94%)
- Magenta (44%)
- Yellow (0%)
- Black (23%)



- Cyan (95%)
- Magenta (56%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.2030, -86.6100, 5.7580 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 91.2030, -86.6100, 5.7580 by changing the saturation by 10% instead.

■ 91.2030, -86.6100,
5.7580

■ 91.2030, -86.6100,
5.7580

■ 255.0000, -0.0000,
-0.0000

■ 70.3350, -78.1740,
7.0580

■ 153.6510,
-67.0800, 15.2560

■ 53.7560, -63.1820,
10.6900

■ 178.8830,
-56.3500, 8.0180

■ 38.4650, -49.0610,
13.5870

■ 204.5880,
-45.5740, -0.0540

■ 24.4620, -35.8110,
15.7490

■ 229.9940,
-35.3940, -8.3380

■ 11.7470, -23.4320,
17.1760

■ 244.8340,
-20.2640, -7.2080

■ 6.7770, -14.9490,
12.1150

■ 254.1030, -1.7880,

■ 3.0950, -7.3370,

-0.6360

6.3190

■ 0.0000, 0.0000,
0.0000

■ 91.2030, -86.6100,
5.7580

■ 91.2030, -86.6100,
5.7580

■ 84.0930, -92.1120,
6.3520

■ 102.4660,
-77.1650, 5.2910

■ 113.4300,
-68.3160, 4.6120

■ 124.6930,
-58.8710, 4.1450

■ 136.5430,
-49.7010, 3.1550

■ 147.5070,
-40.8520, 2.4760

■ 158.7700,
-31.4070, 2.0090

■ 170.0330,
-21.9620, 1.5420

■ 181.2960,
-12.5170, 1.0750

■ 192.2600, -3.6680,
0.3960

Harmonies

Analogous

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



93.9750, -95.1360, -4.9280



91.2030, -86.6100, 5.7580



112.6710, -7.9380, 33.7420

Triad

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



91.2030, -86.6100, 5.7580



106.2290, 68.6790, 16.3510



83.6860, -59.2750, -43.6190

Complementary

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



91.2030, -86.6100, 5.7580



117.7970, 86.6100, -5.7580

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.



97.5020, -0.0390, -37.8550



91.2030, -86.6100, 5.7580



105.2160, 60.3850, -9.5590

Square

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



91.2030, -86.6100, 5.7580



106.3540, 61.7980, 36.4380



101.5640, 40.9490, -31.7790



89.9900, -74.2700, -30.6700

Rectangle

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



91.2030, -86.6100, 5.7580



111.8120, 22.6420, 41.2180



101.5640, 40.9490, -31.7790



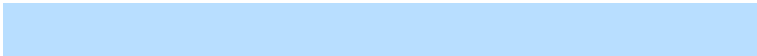
86.1840, -43.1820, -43.4220

Sweetspot

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



91.2030, -86.6100, 5.7580



214.4000, -33.2410, 2.2070



130.0570, -77.5180, -70.9420



102.5170, -20.4490, 1.6550



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.



91.2030, -86.6100, 5.7580



109.4890, -119.5300, 7.6540



38.3730, -61.8600, 52.8280



93.9610, -4.2640, 0.1840



69.6510, -76.2480, 5.1920



15.2570, -16.7810, 1.2590

Inverse Universe

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



78.6010, 78.4810, 70.0090



91.8630, 108.0030, 96.6670



170.6270, 61.8600, -52.8280



93.2610, 3.7590, 3.4630



58.6550, 69.2210, 61.6130



12.9300, 15.3570, 13.5410

Previews

White Background



This preview shows how the YIQ color 91.2030, -86.6100, 5.7580 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 91.2030, -86.6100, 5.7580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

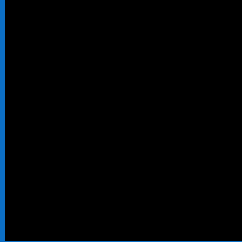
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.2030, -86.6100, 5.7580

Background



This preview shows how black text looks on a background with the YIQ color 91.2030, -86.6100, 5.7580.



This preview shows how white text looks on a background with the YIQ color 91.2030, -86.6100,

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

91.2030, -86.6100, 5.7580

Protanopia

105.0400, -49.0620, 19.1140

Deuteranopia

90.6050, -87.8020, 5.3340



Tritanopia

85.8470, -75.0050, -22.8530

Trichromacy



Original Color

91.2030, -86.6100, 5.7580

Protanomaly

100.1630, -62.7700, 14.2380

Deuteranomaly

90.9040, -87.2060, 5.5460

Tritanomaly

87.4310, -79.2250, -12.4490

Monochromacy



Original Color

91.2030, -86.6100, 5.7580

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.8840, -31.7280, 2.3200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.2030, -86.6100, 5.7580 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(12, 111, 197)` looks like.

```
.text, #text, p{  
    color:rgb(12, 111, 197)  
}
```

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(12, 111, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 111, 197) }
```

Border

The CSS property to change the border of an element to YIQ 91.2030, -86.6100, 5.7580 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(12, 111, 197) }
```


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

```
.border{ border-color:rgb(12, 111, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 111, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 111, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 111, 197);  
box-shadow:4px 4px 4px 4px rgb(12, 111,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 91.2030, -86.6100, 5.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 111, 197) }
```

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

```
.background{ background-color: rgb(12, 111,  
197) }
```

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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