

Converting Colors

YIQ(86.1630, -79.9650, 23.0030)

Have a look what the booklet for
YIQ(86.1630, -79.9650, 23.0030)
contains.

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Color

**YIQ(86.1630, -79.9650,
23.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	185DD6
RGB	24, 93, 214
RGB Percent	9%, 36%, 84%
CMY	0.9059, 0.6352, 0.1612
CMYK	0.89, 0.57, 0.00, 0.16
HSL	218°, 80%, 47%
HSV	218°, 89%, 84%
XYZ	16.4173, 12.8774, 65.1685
YIQ	86.1630, -79.9650, 23.0030

Conversions

Conversions Part 2

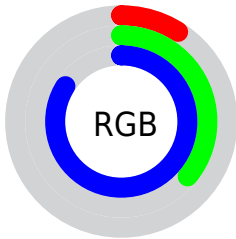
Format	Color
RYB	24, 75, 214
Decimal	1596886
CIELab	42.58, 25.97, -67.55
CIELCh	43, 72.369, 291.026
Yxy	12.8774, 0.1738, 0.1363
Android (android.graphics.Color)	4279786966 (0xFF185DD6)
YUV	86.1630, 63.0236, -54.5170
Hunter-Lab	35.8852, 18.8638, -82.5527

Details

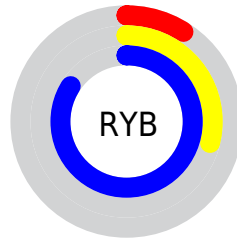
The YIQ color **86.1630, -79.9650, 23.0030** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **151.8370, 79.9650, -23.0030**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.3030, -56.8120, 27.4120**, and **46.7750, -64.1930, 23.5110** is the 20% darker color. If you saturate the color by 10%, you get **71.6660, -88.6310, 25.8730**, and if you desaturate by 10%, it is **100.6600, -71.2990, 20.1330**.

Distribution



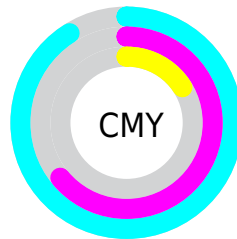
- Red (9%)
- Green (36%)
- Blue (84%)



- Red (9%)
- Yellow (29%)
- Blue (84%)



- Cyan (89%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



- Cyan (91%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.1630, -79.9650, 23.0030 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 86.1630, -79.9650, 23.0030 by changing the saturation by 10% instead.

■ 86.1630, -79.9650,
23.0030

■ 86.1630, -79.9650,
23.0030

■ 255.0000, -0.0000,
-0.0000

■ 62.2940, -78.9560,
21.2360

■ 145.3030,
-56.8120, 27.4120

■ 46.7750, -64.1930,
23.5110

■ 170.1330,
-44.8900, 20.5980

■ 31.9570, -50.0260,
25.5740

■ 195.2510,
-33.8390, 13.0490

■ 16.0790, -35.6300,
28.9940

■ 220.9560,
-23.0630, 4.9770

■ 14.9900, -28.4300,
19.6500

■ 246.3620,
-12.8830, -3.3070

■ 9.3190, -19.3510,
14.8010

■ 5.0500, -11.4640,

9.5280

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 86.1630, -79.9650,
23.0030

■ 86.1630, -79.9650,
23.0030

■ 71.6660, -88.6310,
25.8730

■ 100.6600,
-71.2990, 20.1330

■ 70.1820, -90.1440,
25.7600

■ 114.8690,
-61.7620, 17.9980

■ 129.3660,
-53.0960, 15.1280

■ 143.5750,
-43.5590, 12.9930

■ 158.0720,
-34.8930, 10.1230

■ 172.5690,
-26.2270, 7.2530

■ 186.7780,
-16.6900, 5.1180

■ 201.2750, -8.0240,
2.2480

■ 216.0710, 1.2380,
-0.4100

Harmonies

Analogous

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



91.9980, -101.9700, 8.7980



86.1630, -79.9650, 23.0030



99.6720, 17.8250, 56.9370

Triad

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



86.1630, -79.9650, 23.0030



89.3280, 89.9090, 6.0450



81.9080, -59.7800, -39.9720

Complementary

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



86.1630, -79.9650, 23.0030



151.8370, 79.9650, -23.0030

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.



71.0100, -34.6050, -61.2050



86.1630, -79.9650, 23.0030



95.2660, 56.9480, -18.8600

Square

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



86.1630, -79.9650, 23.0030



71.8630, 97.6940, 57.7100



89.3870, 19.2180, -39.9340



89.5630, -79.9570, -21.2130

Rectangle

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



86.1630, -79.9650, 23.0030



85.4770, 58.3990, 70.5190



89.3870, 19.2180, -39.9340



78.9270, -52.7640, -45.9800

Sweetspot

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



86.1630, -79.9650, 23.0030



208.5410, -29.0240, 8.3840



149.2100, -90.7700, -62.0500



100.4790, -17.2860, 4.9060



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.



86.1630, -79.9650, 23.0030



83.6610, -107.4300, 30.6660



53.1350, -46.0900, 64.3900



99.6020, -4.6310, 1.3290



55.8880, -71.9410, 20.7550



14.2940, -18.2030, 5.0050

Inverse Universe

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



88.6760, 91.0910, 61.7390



86.8470, 122.1270, 82.9830



184.8650, 46.0900, -64.3900



99.7450, 5.2720, 3.5760



58.1970, 82.0140, 55.5340



14.6810, 20.4920, 14.0920

Previews

White Background



This preview shows how the YIQ color 86.1630, -79.9650, 23.0030 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 86.1630, -79.9650, 23.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

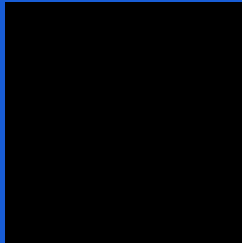
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

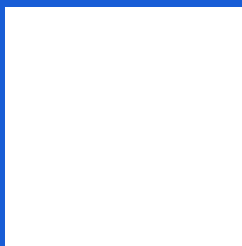
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 86.1630, -79.9650, 23.0030

Background



This preview shows how black text looks on a background with the YIQ color 86.1630, -79.9650, 23.0030.



This preview shows how white text looks on a background with the YIQ color 86.1630, -79.9650,

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

86.1630, -79.9650, 23.0030

Protanopia

79.6080, -91.8840, 13.2360

Deuteranopia

79.9380, -84.5460, 1.3900



Tritanopia

78.6090, -68.4030, -21.3550

Trichromacy



Original Color

86.1630, -79.9650, 23.0030

Protanomaly

82.1680, -87.5290, 16.9110

Deuteranomaly

82.4640, -82.8510, 9.2210

Tritanomaly

81.1810, -72.3490, -4.9010

Monochromacy



Original Color

86.1630, -79.9650, 23.0030

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

86.2420, -29.6200, 8.1720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.1630, -79.9650, 23.0030 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(24, 93, 214)` looks like.

```
.text, #text, p{  
    color:rgb(24, 93, 214)  
}
```

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(24, 93, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 93, 214) }
```

Border

The CSS property to change the border of an element to YIQ 86.1630, -79.9650, 23.0030 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(24, 93, 214) }
```


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

```
.border{ border-color:rgb(24, 93, 214) }
```

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

Here you see how a box with a 4 pixel rgb(24, 93, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 93, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 93, 214);  
box-shadow:4px 4px 4px 4px rgb(24, 93,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 86.1630, -79.9650, 23.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 93, 214) }
```

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

```
.background{ background-color: rgb(24, 93,  
214) }
```

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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