

Converting Colors

YIQ(25.0170, -66.3090, 61.8750)

Have a look what the booklet for
YIQ(25.0170, -66.3090, 61.8750)
contains.

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Color

**YIQ(25.0170, -66.3090,
61.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	0003CC
RGB	0, 3, 204
RGB Percent	0%, 1%, 80%
CMY	0.9997, 0.9883, 0.2004
CMYK	1.00, 0.99, 0.00, 0.20
HSL	239°, 100%, 40%
HSV	239°, 100%, 80%
XYZ	10.9192, 4.4199, 57.3372
YIQ	25.0170, -66.3090, 61.8750

Conversions

Conversions Part 2

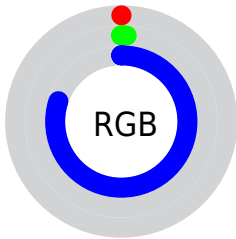
Format	Color
RYB	0, 3, 204
Decimal	972
CIELab	25.01, 66.28, -90.79
CIELCh	25, 112.413, 306.131
Yxy	4.4199, 0.1502, 0.0608
Android (android.graphics.Color)	4278191052 (0xFF0003CC)
YUV	25.0170, 88.2386, -21.9399
Hunter-Lab	21.0235, 55.9187, -146.9848

Details

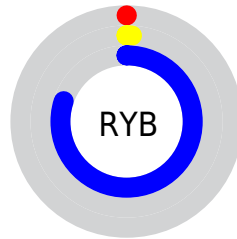
The YIQ color **25.0170, -66.3090, 61.8750** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **178.9830, 66.3090, -61.8750**, and the grayscale version is **24.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **98.9190, -36.5540, 67.7820**, and **16.8720, -47.5080, 46.0280** is the 20% darker color. If you saturate the color by 10%, you get **25.0170, -66.3090, 61.8750**, and if you desaturate by 10%, it is **42.7370, -59.8890, 55.6550**.

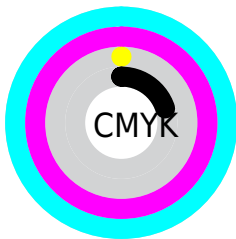
Distribution



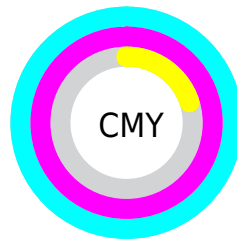
- Red (0%)
- Green (1%)
- Blue (80%)



- Red (0%)
- Yellow (1%)
- Blue (80%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (99%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.0170, -66.3090, 61.8750 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 25.0170, -66.3090, 61.8750 by changing the saturation by 10% instead.

■ 25.0170, -66.3090,
61.8750

■ 25.0170, -66.3090,
61.8750

■ 255.0000, -0.0000,
-0.0000

■ 20.0640, -56.4960,
54.7360

■ 98.9190, -36.5540,
67.7820

■ 16.8720, -47.5080,
46.0280

■ 124.3470,
-23.4400, 61.3920

■ 13.7940, -38.8410,
37.6310

■ 149.7640,
-11.7930, 54.0550

■ 18.4610, -34.0700,
22.7460

■ 175.1810, -0.1460,
46.7180

■ 12.6760, -24.6700,
17.5860

■ 200.2990, 10.9050,
39.1690

■ 7.7060, -16.1870,
12.5250

■ 222.7150, 15.1250,


■ 3.4370, -8.3000,


28.7650


7.2520


 239.7380, 7.1500,
13.5980


 0.0000, 0.0000,
0.0000


 25.0170, -66.3090,
61.8750

 42.7370, -59.8890,
55.6550

 60.7560, -52.8730,
49.6470

 78.4760, -46.4530,
43.4270

 96.4950, -39.4370,
37.4190

 114.2150,
-33.0170, 31.1990

■ 132.5220,
-26.8720, 24.4560

■ 150.5410,
-19.8560, 18.4480

■ 168.2610,
-13.4360, 12.2280

■ 186.2800, -6.4200,
6.2200

Harmonies

Analogous

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



70.7980, -97.3900, 35.9380



25.0170, -66.3090, 61.8750



63.6710, 55.0970, 75.2970

Triad

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



25.0170, -66.3090, 61.8750



41.1850, 71.9790, 22.6270



57.3850, -47.2210, -19.7730

Complementary

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



25.0170, -66.3090, 61.8750



178.9830, 66.3090, -61.8750

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.



47.5470, -22.2750, -42.3630



25.0170, -66.3090, 61.8750



54.3230, 17.2430, -20.6530

Square

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



25.0170, -66.3090, 61.8750



50.8300, 101.3200, 36.0400



44.6120, -20.9000, -39.7480



68.9500, -75.6520, 5.4040

Rectangle

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



25.0170, -66.3090, 61.8750



64.1640, 86.7810, 62.7570



44.6120, -20.9000, -39.7480



53.3780, -37.3160, -28.5800

Sweetspot

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



25.0170, -66.3090, 61.8750



188.2510, -24.6710, 23.1130



142.5480, -120.3000, -44.4920



87.2440, -14.7660, 14.3060



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.



25.0170, -66.3090, 61.8750



31.4180, -82.9550, 77.2130



52.8570, -6.4800, 84.4320



93.1400, -3.2100, 3.1100



20.0980, -53.8360, 50.5800



4.9190, -12.4730, 11.2950

Inverse Universe

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



61.3380, 120.6210, 44.1810



76.7010, 150.6960, 55.3040



151.1430, 6.4800, -84.4320



94.9900, 5.9600, 2.1200



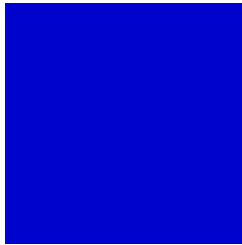
49.8620, 98.2940, 35.8140



11.4760, 22.3270, 8.3670

Previews

White Background



This preview shows how the YIQ color 25.0170, -66.3090, 61.8750 looks on a white background.

Color Contrast Check

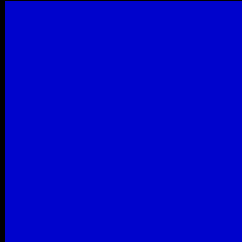
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 25.0170, -66.3090, 61.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

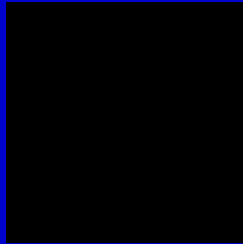
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.0170, -66.3090, 61.8750

Background



This preview shows how black text looks on a background with the YIQ color 25.0170, -66.3090, 61.8750.



This preview shows how white text looks on a background with the YIQ color 25.0170, -66.3090,

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

25.0170, -66.3090, 61.8750

Protanopia

49.4700, -56.6250, 7.4950

Deuteranopia

49.6520, -51.6260, -0.5060



Tritanopia

48.7110, -42.0870, -13.6950

Trichromacy



Original Color

25.0170, -66.3090, 61.8750

Protanomaly

40.4490, -60.1590, 27.4970

Deuteranomaly

40.8420, -57.1320, 22.1960

Tritanomaly

40.0950, -50.8950, 13.7850

Monochromacy



Original Color

25.0170, -66.3090, 61.8750

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.0230, -24.0290, 22.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.0170, -66.3090, 61.8750 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(0, 3, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 3, 204)  
}
```

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(0, 3, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 3, 204) }
```

Border

The CSS property to change the border of an element to YIQ 25.0170, -66.3090, 61.8750 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(0, 3, 204) }
```


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

```
.border{ border-color:rgb(0, 3, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 3, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 3, 204); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 3, 204); box-shadow:4px  
4px 4px 4px rgb(0, 3, 204) }
```

Background

The CSS property to change the background color of an element to YIQ 25.0170, -66.3090, 61.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 3, 204) }
```

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

```
.background{ background-color: rgb(0, 3,  
204) }
```

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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