

Converting Colors

YIQ(75.1710, -65.2480, 26.1120)

Have a look what the booklet for
YIQ(75.1710, -65.2480, 26.1120)
contains.

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Color

**YIQ(75.1710, -65.2480,
26.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	1D4CC0
RGB	29, 76, 192
RGB Percent	11%, 30%, 75%
CMY	0.8862, 0.7019, 0.2474
CMYK	0.85, 0.60, 0.00, 0.25
HSL	223°, 74%, 43%
HSV	223°, 85%, 75%
XYZ	12.5968, 9.2345, 50.9360
YIQ	75.1710, -65.2480, 26.1120

Conversions

Conversions Part 2

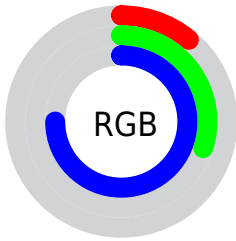
Format	Color
R _Y B	29, 65, 192
Decimal	1920192
CIE Lab	36.43, 28.92, -64.86
CIE LCh	36, 71.014, 294.035
Yxy	9.2345, 0.1731, 0.1269
Android (android.graphics.Color)	4280110272 (0xFF1D4CC0)
YUV	75.1710, 57.5967, -40.4920
Hunter-Lab	30.3884, 20.8134, -78.1081

Details

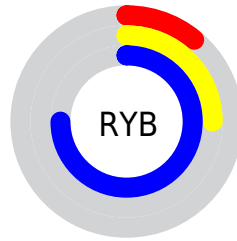
The YIQ color **75.1710, -65.2480, 26.1120** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **145.8290, 65.2480, -26.1120**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.5690, -51.4490, 34.8470**, and **34.9890, -53.0520, 25.3480** is the 20% darker color. If you saturate the color by 10%, you get **61.2720, -72.7220, 29.4060**, and if you desaturate by 10%, it is **89.0700, -57.7740, 22.8180**.

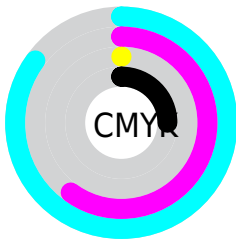
Distribution



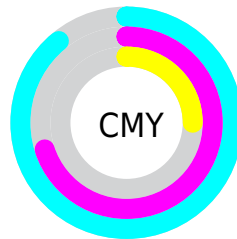
- Red (11%)
- Green (30%)
- Blue (75%)



- Red (11%)
- Yellow (25%)
- Blue (75%)



- Cyan (85%)
- Magenta (60%)
- Yellow (0%)
- Black (25%)



- Cyan (89%)
- Magenta (70%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.1710, -65.2480, 26.1120 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 75.1710, -65.2480, 26.1120 by changing the saturation by 10% instead.

■ 75.1710, -65.2480,
26.1120

■ 75.1710, -65.2480,
26.1120

■ 255.0000, -0.0000,
-0.0000

■ 50.3940, -67.4940,
22.7620

■ 132.5690,
-51.4490, 34.8470

■ 34.9890, -53.0520,
25.3480

■ 157.7840,
-42.0490, 29.6870

■ 22.0460, -40.0310,
26.1530

■ 182.6030,
-31.5940, 21.9260

■ 10.3910, -27.8810,
26.2230

■ 207.4220,
-21.1390, 14.1650

■ 10.4760, -21.2310,
15.8330

■ 232.8280,
-10.9590, 5.8810

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 75.1710, -65.2480,
26.1120

■ 75.1710, -65.2480,
26.1120

■ 61.2720, -72.7220,
29.4060

■ 89.0700, -57.7740,
22.8180

■ 54.1730, -76.7570,
30.9470

■ 102.3820,
-50.0250, 20.0470

■ 116.5800,
-41.9550, 16.9650

■ 130.4790,
-34.4810, 13.6710

■ 143.7910,
-26.7320, 10.9000

■ 157.6900,
-19.2580, 7.6060

■ 171.5890,
-11.7840, 4.3120

■ 185.2000, -3.4390,
1.7530

■ 199.0990, 4.0350,
-1.5410

Harmonies

Analogous

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



79.8530, -91.1960, 11.7800



75.1710, -65.2480, 26.1120



81.1350, 23.8310, 58.2230

Triad

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



75.1710, -65.2480, 26.1120



75.6950, 78.6300, 6.7100



71.6040, -52.8120, -34.0920

Complementary

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



75.1710, -65.2480, 26.1120



145.8290, 65.2480, -26.1120

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.



61.0480, -28.6000, -54.3920



75.1710, -65.2480, 26.1120



81.3450, 46.5400, -17.4600

Square

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



75.1710, -65.2480, 26.1120



58.5370, 92.5600, 51.6320



74.5910, 9.9560, -37.2760



78.9170, -72.0260, -16.2660

Rectangle

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



75.1710, -65.2480, 26.1120



64.0970, 62.5250, 72.8370



74.5910, 9.9560, -37.2760



68.7370, -46.1170, -39.7890

Sweetspot

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



75.1710, -65.2480, 26.1120



204.7480, -25.1730, 10.1790



137.6770, -81.4190, -49.7950



97.7890, -15.2230, 6.0650



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



75.1710, -65.2480, 26.1120



70.7640, -100.0500, 40.0940



57.4490, -32.6550, 57.6890



89.9010, -4.0350, 1.5410



45.3560, -64.3310, 26.0130



9.6320, -13.3430, 5.0330

Inverse Universe

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



83.0950, 82.0610, 49.1730



82.9580, 125.8880, 75.3920



163.5510, 32.6550, -57.6890



90.3320, 4.9970, 3.0530



53.3830, 81.1900, 48.4380



11.0070, 16.4580, 10.1060

Previews

White Background



This preview shows how the YIQ color 75.1710, -65.2480, 26.1120 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 75.1710, -65.2480, 26.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

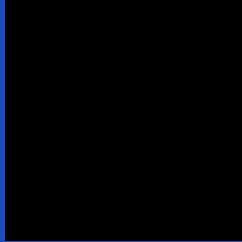
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.1710, -65.2480, 26.1120

Background



This preview shows how black text looks on a background with the YIQ color 75.1710, -65.2480, 26.1120.



This preview shows how white text looks on a background with the YIQ color 75.1710, -65.2480,

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

75.1710, -65.2480, 26.1120

Protanopia

67.9700, -78.4040, 11.2280

Deuteranopia

68.6420, -72.0290, 0.3150



Tritanopia

67.2790, -58.5460, -18.2740

Trichromacy



Original Color

75.1710, -65.2480, 26.1120

Protanomaly

70.8830, -73.5450, 16.7830

Deuteranomaly

71.4070, -69.5090, 9.7150

Tritanomaly

70.2210, -60.6580, -2.0180

Monochromacy



Original Color

75.1710, -65.2480, 26.1120

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8190, -23.9350, 9.7690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.1710, -65.2480, 26.1120 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(29, 76, 192)` looks like.

```
.text, #text, p{  
    color:rgb(29, 76, 192)  
}
```

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(29, 76, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 76, 192) }
```

Border

The CSS property to change the border of an element to YIQ 75.1710, -65.2480, 26.1120 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(29, 76, 192) }
```


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

```
.border{ border-color:rgb(29, 76, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 76, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 76, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 76, 192);  
box-shadow:4px 4px 4px 4px rgb(29, 76,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 75.1710, -65.2480, 26.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 76, 192) }
```

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

```
.background{ background-color: rgb(29, 76,  
192) }
```

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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