

Converting Colors

YIQ(74.7520, -24.1100,
-36.6380)

Have a look what the booklet for
YIQ(74.7520, -24.1100, -36.6380)
contains.

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Color

**YIQ(74.7520, -24.1100,
-36.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	1D6927
RGB	29, 105, 39
RGB Percent	11%, 41%, 15%
CMY	0.8865, 0.5881, 0.8471
CMYK	0.72, 0.00, 0.63, 0.59
HSL	128°, 57%, 26%
HSV	128°, 72%, 41%
XYZ	5.9259, 10.5164, 3.6360
YIQ	74.7520, -24.1100, -36.6380

Conversions

Conversions Part 2

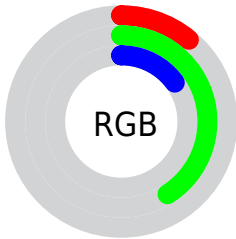
Format	Color
R_{YB}	29, 96, 105
Decimal	1927463
CIE _{Lab}	38.75, -37.74, 30.00
CIE _{LCh}	39, 48.213, 141.523
Yxy	10.5164, 0.2951, 0.5238
Android (android.graphics.Color)	4280117543 (0xFF1D6927)
YUV	74.7520, -17.6257, -40.1245
Hunter-Lab	32.4290, -24.1325, 16.0526

Details

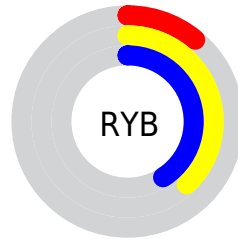
The YIQ color **74.7520, -24.1100, -36.6380** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **59.2480, 24.1100, 36.6380**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.4920, -20.4420, -37.0340**, and **32.8720, -15.4000, -29.2880** is the 20% darker color. If you saturate the color by 10%, you get **70.4370, -27.7770, -41.7690**, and if you desaturate by 10%, it is **78.7680, -21.0390, -31.7190**.

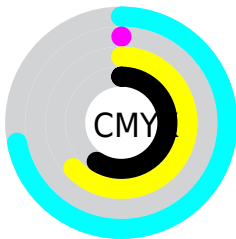
Distribution



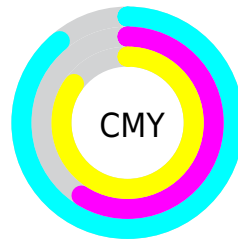
- Red (11%)
- Green (41%)
- Blue (15%)



- Red (11%)
- Yellow (38%)
- Blue (41%)



- Cyan (72%)
- Magenta (0%)
- Yellow (63%)
- Black (59%)



- Cyan (89%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.7520, -24.1100, -36.6380 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 74.7520, -24.1100, -36.6380 by changing the saturation by 10% instead.

■ 74.7520, -24.1100,
-36.6380

■ 74.7520, -24.1100,
-36.6380

■ 255.0000, -0.0000,
-0.0000

■ 48.6700, -26.8150,
-37.1750

■ 127.4920,
-20.4420, -37.0340

■ 32.8720, -15.4000,
-29.2880

■ 153.9650,
-20.3960, -37.8680

■ 21.7190, -10.1750,
-19.3510

■ 181.6230,
-19.4330, -38.8010

■ 0.0000, 0.0000,
0.0000

■ 209.7970,
-19.9830, -39.8470

■ 229.4650,
-15.8120, -32.8360

■ 241.3280, -7.5160,

-17.9800

253.3050, 0.4590,
-2.8130

74.7520, -24.1100,
-36.6380

74.7520, -24.1100,
-36.6380

70.4370, -27.7770,
-41.7690

78.7680, -21.0390,
-31.7190

66.4210, -30.8480,
-46.6880

83.0830, -17.3720,
-26.5880

63.2310, -33.3690,
-50.5610

87.0990, -14.3010,
-21.6690

91.4140, -10.6340,
-16.5380

95.5440, -7.8840,
-11.3080

■ 99.8590, -4.2170,
-6.1770

■ 103.8750, -1.1460,
-1.2580

■ 108.1900, 2.5210,
3.8730

■ 112.2060, 5.5920,
8.7920

Harmonies

Analogous

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



82.5710, 21.8760, -33.0360



74.7520, -24.1100, -36.6380



72.8750, -55.0130, -32.7490

Triad

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



74.7520, -24.1100, -36.6380



77.3790, -81.4740, 0.7820



86.9480, 59.6450, 25.8930

Complementary

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



74.7520, -24.1100, -36.6380



59.2480, 24.1100, 36.6380

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.



88.7250, 44.6960, 38.0080



74.7520, -24.1100, -36.6380



89.6240, -36.0870, 20.7530

Square

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



74.7520, -24.1100, -36.6380



80.1370, -78.2170, -8.6890



93.8490, 12.0520, 34.9000



87.8760, 59.0070, 4.4070

Rectangle

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



74.7520, -24.1100, -36.6380



76.0670, -64.0010, -24.0410



93.8490, 12.0520, 34.9000



86.9680, 56.8930, 31.7170

Sweetspot

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



74.7520, -24.1100, -36.6380



125.6530, -9.8090, -14.9690



93.6450, 19.0320, -25.5440



61.7940, -5.5920, -8.7920



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



74.7520, -24.1100, -36.6380



90.2640, -38.1360, -57.7840



78.9700, -35.9870, -25.1310



51.6360, -1.9710, -2.8270



70.3890, -36.9900, -56.5260



147.4630, -77.6470, -118.1830

Inverse Universe

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



59.2480, 24.1100, 36.6380



65.7360, 38.1360, 57.7840



55.0300, 35.9870, 25.1310



50.3640, 1.9710, 2.8270



46.6110, 36.9900, 56.5260



97.4230, 77.9680, 117.8720

Previews

White Background



This preview shows how the YIQ color 74.7520, -24.1100, -36.6380 looks on a white background.

Color Contrast Check

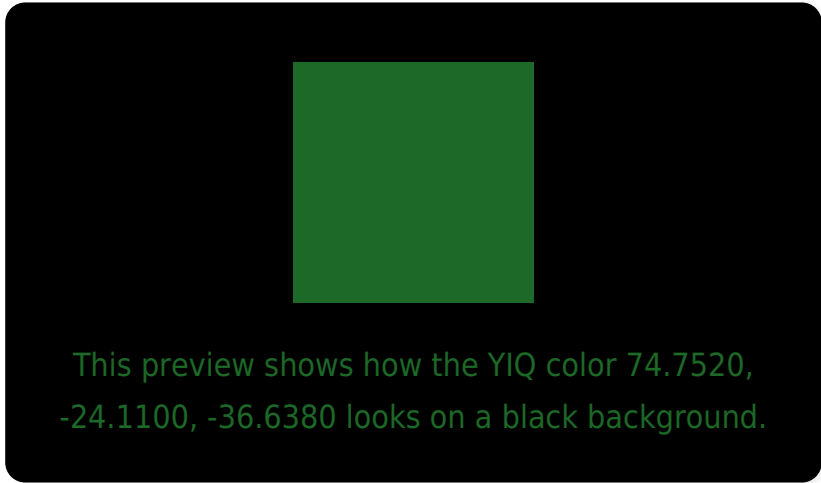
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

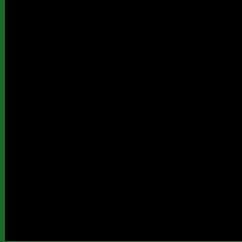
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.7520, -24.1100, -36.6380

Background



This preview shows how black text looks on a background with the YIQ color 74.7520, -24.1100, -36.6380.



This preview shows how white text looks on a background with the YIQ color 74.7520, -24.1100,

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

74.7520, -24.1100, -36.6380

Protanopia

87.6060, 23.9360, -15.2960

Deuteranopia

89.6870, 28.3820, -7.7620



Tritanopia

84.5600, -31.1760, -7.6880

Trichromacy



Original Color

74.7520, -24.1100, -36.6380

Protanomaly

82.8810, 6.7440, -23.1120

Deuteranomaly

84.5980, 9.2190, -18.4050

Tritanomaly

81.1930, -29.0650, -18.4170

Monochromacy



Original Color

74.7520, -24.1100, -36.6380

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8920, -8.9840, -13.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7520, -24.1100, -36.6380 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, 105, 39)` looks like.

```
.text, #text, p{  
    color:rgb(29, 105, 39)  
}
```

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, 105, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 105, 39) }
```

Border

The CSS property to change the border of an element to YIQ 74.7520, -24.1100, -36.6380 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, 105, 39) }
```


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

```
.border{ border-color:rgb(29, 105, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 105, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 105, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 105, 39);  
box-shadow:4px 4px 4px 4px rgb(29, 105,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 74.7520, -24.1100, -36.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 105, 39) }
```

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

```
.background{ background-color: rgb(29, 105,  
39) }
```

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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