

Converting Colors

YIQ(75.1760, 5.1360, -4.9760)

Have a look what the booklet for
YIQ(75.1760, 5.1360, -4.9760)
contains.

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Color

**YIQ(75.1760, 5.1360,
-4.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	4D4D3D
RGB	77, 77, 61
RGB Percent	30%, 30%, 24%
CMY	0.6980, 0.6980, 0.7607
CMYK	0.00, 0.00, 0.21, 0.70
HSL	60°, 12%, 27%
HSV	60°, 21%, 30%
XYZ	6.5568, 7.2224, 5.4645
YIQ	75.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

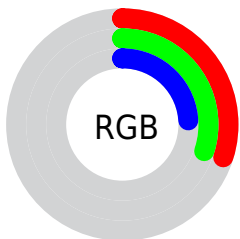
Format	Color
RYB	61, 77, 61
Decimal	5066045
CIELab	32.31, -3.16, 9.52
CIELCh	32, 10.028, 108.375
Yxy	7.2224, 0.3407, 0.3753
Android (android.graphics.Color)	4283256125 (0xFF4D4D3D)
YUV	75.1760, -6.9888, 1.5996
Hunter-Lab	26.8746, -3.4807, 6.7565

Details

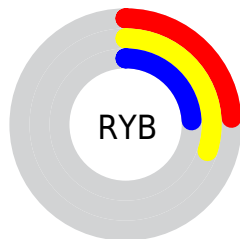
The YIQ color **75.1760, 5.1360, -4.9760** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **62.8240, -5.1360, 4.9760**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.9480, 5.7780, -5.5980**, and **31.4040, 4.4940, -4.3540** is the 20% darker color. If you saturate the color by 10%, you get **74.2640, 7.7040, -7.4640**, and if you desaturate by 10%, it is **76.0880, 2.5680, -2.4880**.

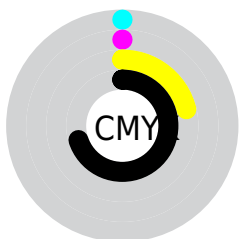
Distribution



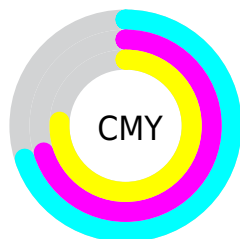
- Red (30%)
- Green (30%)
- Blue (24%)



- Red (24%)
- Yellow (30%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (70%)



- Cyan (70%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.1760, 5.1360, -4.9760 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 75.1760, 5.1360, -4.9760 by changing the saturation by 10% instead.

■ 75.1760, 5.1360,
-4.9760

■ 75.1760, 5.1360,
-4.9760

■ 255.0000, -0.0000,
-0.0000

■ 52.2900, 4.8150,
-4.6650

■ 123.9480, 5.7780,
-5.5980

■ 31.4040, 4.4940,
-4.3540

■ 149.9480, 5.7780,
-5.5980

■ 7.3650, 0.2300,
-4.1700

■ 176.2470, 6.3740,
-5.3860

■ 0.0000, 0.0000,
0.0000

■ 203.8340, 6.0990,
-5.9090

■ 232.1330, 6.6950,
-5.6970

■ 253.6320, 3.8520,

-3.7320

■ 75.1760, 5.1360,
-4.9760

■ 75.1760, 5.1360,
-4.9760

■ 74.2640, 7.7040,
-7.4640

■ 76.0880, 2.5680,
-2.4880

■ 73.4660, 9.9510,
-9.6410

■ 76.8860, 0.3210,
-0.3110

■ 72.5540, 12.5190,
-12.1290

■ 77.7980, -2.2470,
2.1770

■ 71.6420, 15.0870,
-14.6170

■ 78.7100, -4.8150,
4.6650

■ 70.8440, 17.3340,
-16.7940

■ 79.6220, -7.3830,
7.1530

■ 69.9320, 19.9020,
-19.2820

■ 80.4200, -9.6300,
9.3300

■ 69.0200, 22.4700,
-21.7700

■ 81.3320, -12.1980,
11.8180

■ 68.2220, 24.7170,
-23.9470

■ 82.2440, -14.7660,
14.3060

■ 83.0420, -17.0130,
16.4830

Harmonies

Analogous

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



75.8070, 10.7290, -1.7110



75.1760, 5.1360, -4.9760



74.1150, -2.0620, -6.6860

Triad

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



75.1760, 5.1360, -4.9760



73.6220, -16.5510, -2.9110



77.5930, 8.7560, 6.5160

Complementary

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



75.1760, 5.1360, -4.9760



62.8240, -5.1360, 4.9760

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.



76.9990, 1.7410, 6.9970



75.1760, 5.1360, -4.9760



74.9970, -13.1130, 0.8630

Square

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



75.1760, 5.1360, -4.9760



73.2260, -15.4960, -5.5120



76.2260, -6.3280, 4.5520



77.5780, 13.1120, 4.6640

Rectangle

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



75.1760, 5.1360, -4.9760



73.4780, -7.5180, -6.9260



76.2260, -6.3280, 4.5520



77.3370, 6.6010, 7.0250

Sweetspot

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



75.1760, 5.1360, -4.9760



98.3160, 1.9260, -1.8660



65.7840, 9.5360, 3.3920



50.5440, 1.2840, -1.2440



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



75.1760, 5.1360, -4.9760



96.2640, 7.7040, -7.4640



72.7840, 0.3680, -6.6720



37.5440, 1.2840, -1.2440



90.3720, 32.7420, -31.7220



203.4810, 73.2340, -71.7420

Inverse Universe

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



62.8240, -5.1360, 4.9760



77.7360, -7.7040, 7.4640



65.2160, -0.3680, 6.6720



34.4560, -1.2840, 1.2440



11.6280, -32.7420, 31.7220



26.2200, -73.8300, 71.5300

Previews

White Background



This preview shows how the YIQ color 75.1760, 5.1360, -4.9760 looks on a white background.

Color Contrast Check

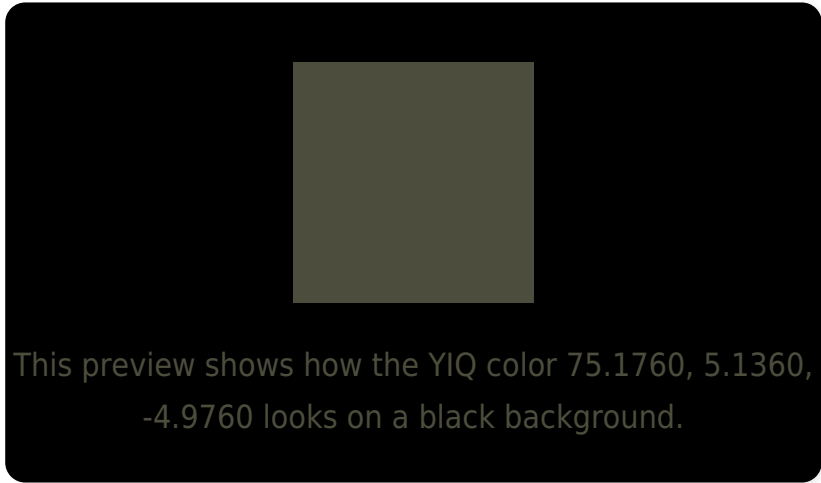
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

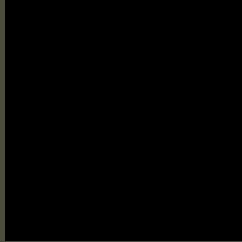
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.1760, 5.1360, -4.9760

Background



This preview shows how black text looks on a background with the YIQ color 75.1760, 5.1360, -4.9760.



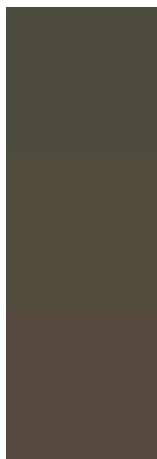
This preview shows how white text looks on a background with the YIQ color 75.1760, 5.1360,

-4.9760.

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

75.1760, 5.1360, -4.9760

Protanopia

75.6710, 8.1160, -3.9160

Deuteranopia

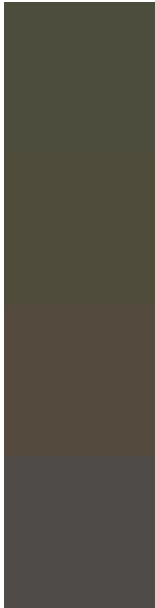
76.2310, 12.4710, -0.2410



Tritanopia

76.4780, 1.6500, 3.1380

Trichromacy



Original Color

75.1760, 5.1360, -4.9760

Protanomaly

75.3720, 7.5200, -4.1280

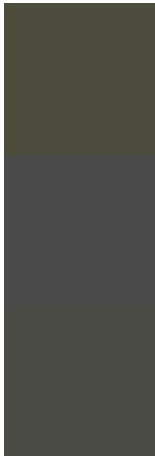
Deuteranomaly

75.6220, 9.8120, -1.6120

Tritanomaly

75.9680, 3.0260, 0.2260

Monochromacy



Original Color

75.1760, 5.1360, -4.9760

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.3160, 1.9260, -1.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.1760, 5.1360, -4.9760 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(77, 77, 61)` looks like.

```
.text, #text, p{  
    color:rgb(77, 77, 61)  
}
```

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(77, 77, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 77, 61) }
```

Border

The CSS property to change the border of an element to YIQ 75.1760, 5.1360, -4.9760 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(77, 77, 61) }
```


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

```
.border{ border-color:rgb(77, 77, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 77, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 77, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 77, 61);  
box-shadow:4px 4px 4px 4px rgb(77, 77, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.1760, 5.1360, -4.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 77, 61) }
```

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

```
.background{ background-color: rgb(77, 77,  
61) }
```

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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