

Converting Colors

YIQ(75.5660, -22.1450, -0.6490)

Have a look what the booklet for
YIQ(75.5660, -22.1450, -0.6490)
contains.

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Color

**YIQ(75.5660, -22.1450,
-0.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	365263
RGB	54, 82, 99
RGB Percent	21%, 32%, 39%
CMY	0.7883, 0.6784, 0.6119
CMYK	0.45, 0.17, 0.00, 0.61
HSL	203°, 29%, 30%
HSV	203°, 45%, 39%
XYZ	6.7896, 7.7206, 12.9303
YIQ	75.5660, -22.1450, -0.6490

Conversions

Conversions Part 2

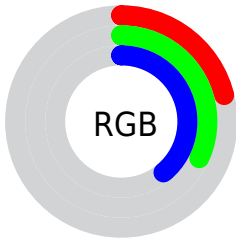
Format	Color
R_{YB}	54, 71, 99
Decimal	3560035
CIE _{Lab}	33.39, -5.44, -13.14
CIE _{LCh}	33, 14.226, 247.504
Yxy	7.7206, 0.2474, 0.2814
Android (android.graphics.Color)	4281750115 (0xFF365263)
YUV	75.5660, 11.5530, -18.9134
Hunter-Lab	27.7860, -5.0081, -8.1406

Details

The YIQ color $75.5660, -22.1450, -0.6490$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $77.4340, 22.1450, 0.6490$, and the grayscale version is $75.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $124.7940, -22.7870, -0.0270$, and $28.8430, -24.4830, -2.3310$ is the 20% darker color. If you saturate the color by 10%, you get $70.2280, -27.0050, -0.6770$, and if you desaturate by 10%, it is $80.9040, -17.2850, -0.6210$.

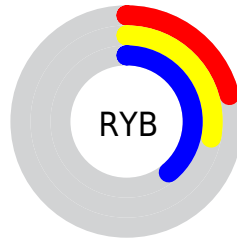
Distribution



Red (21%)

Green (32%)

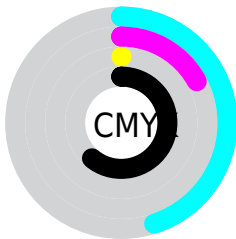
Blue (39%)



Red (21%)

Yellow (28%)

Blue (39%)

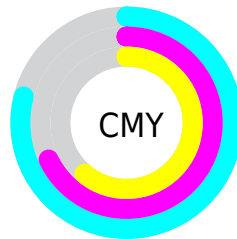


Cyan (45%)

Magenta (17%)

Yellow (0%)

Black (61%)



Cyan (79%)

Magenta (68%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.5660, -22.1450, -0.6490 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 75.5660, -22.1450, -0.6490 by changing the saturation by 10% instead.

■ 75.5660, -22.1450,
-0.6490

■ 75.5660, -22.1450,
-0.6490

■ 255.0000, -0.0000,
-0.0000

■ 52.1530, -22.4200,
-1.1720

■ 124.7940,
-22.7870, -0.0270

■ 28.8430, -24.4830,
-2.3310

■ 150.7940,
-22.7870, -0.0270

■ 13.5130, -14.6260,
0.7500

■ 177.6090,
-23.7040, 0.0720

■ 0.4560, -1.2840,
1.2440

■ 205.6090,
-23.7040, 0.0720

■ 0.0000, 0.0000,
0.0000

■ 233.0390,
-22.0990, -1.4830

■ 250.2160, -9.5360,

-3.3920

■ 75.5660, -22.1450,
-0.6490

■ 75.5660, -22.1450,
-0.6490

■ 70.2280, -27.0050,
-0.6770

■ 80.9040, -17.2850,
-0.6210

■ 65.4770, -32.1400,
-1.2280

■ 85.6550, -12.1500,
-0.0700

■ 60.1390, -37.0000,
-1.2560

■ 90.9930, -7.2900,
-0.0420

■ 54.8010, -41.8600,
-1.2840

■ 96.3310, -2.4300,
-0.0140

■ 49.7620, -46.1240,
-1.1000

■ 101.3700, 1.8340,
-0.1980

■ 47.6800, -48.8290,
-1.6370

■ 106.1210, 6.9690,
0.3530

■ 111.4590, 11.8290,
0.3810

■ 116.7970, 16.6890,
0.4090

■ 122.1350, 21.5490,
0.4370

Harmonies

Analogous

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



73.5500, -25.2160, -5.5680



75.5660, -22.1450, -0.6490



78.5180, -13.0220, 4.7220

Triad

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



75.5660, -22.1450, -0.6490



79.9530, 16.5500, 8.4380



76.2030, 0.5060, -9.1740

Complementary

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



75.5660, -22.1450, -0.6490



77.4340, 22.1450, 0.6490

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.



77.8730, 10.3630, -6.0930



75.5660, -22.1450, -0.6490



79.5740, 18.9350, 3.7590

Square

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



75.5660, -22.1450, -0.6490



80.5870, 8.8930, 9.5410



78.7430, 16.7810, -1.2590



74.9290, -10.4060, -9.6540

Rectangle

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



75.5660, -22.1450, -0.6490



79.4050, -5.2740, 7.4780



78.7430, 16.7810, -1.2590



76.8830, 4.4030, -8.2130

Sweetspot

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



75.5660, -22.1450, -0.6490



118.5090, -8.8030, -0.1550



82.2390, -17.5110, -18.5590



58.3630, -5.4560, -0.2400



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



75.5660, -22.1450, -0.6490



90.9220, -34.8910, -0.9310



62.6520, -16.0950, 10.8570



46.2170, -2.1090, -0.3250



53.8580, -55.2020, -1.7780



114.8230, -118.0150, -3.2870

Inverse Universe

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



70.6470, 17.8320, 18.2480



83.2450, 28.1920, 28.7360



90.3480, 16.0950, -10.8570



45.5380, 1.4210, 1.7810



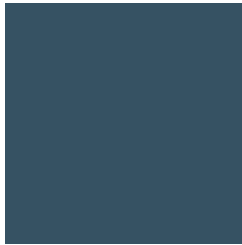
41.4680, 44.2820, 45.5140



88.7460, 95.2110, 97.2190

Previews

White Background



This preview shows how the YIQ color 75.5660, -22.1450, -0.6490 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 75.5660, -22.1450, -0.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

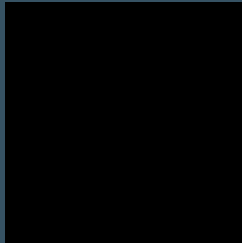
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.5660, -22.1450, -0.6490

Background



This preview shows how black text looks on a background with the YIQ color 75.5660, -22.1450, -0.6490.



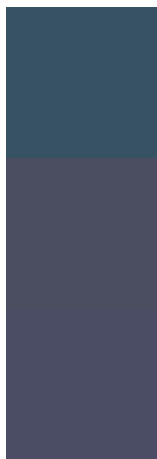
This preview shows how white text looks on a background with the YIQ color 75.5660, -22.1450,

-0.6490.

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

75.5660, -22.1450, -0.6490

Protanopia

78.8560, -8.1620, 4.7500

Deuteranopia

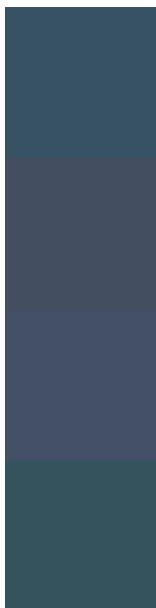
78.7250, -9.1710, 6.5170



Tritanopia

74.8170, -21.5940, -5.1300

Trichromacy



Original Color

75.5660, -22.1450, -0.6490

Protanomaly

77.4640, -12.9300, 3.0540

Deuteranomaly

77.8060, -13.8930, 3.9870

Tritanomaly

74.8710, -21.6860, -3.4620

Monochromacy



Original Color

75.5660, -22.1450, -0.6490

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.6940, -7.8860, -0.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.5660, -22.1450, -0.6490 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(54, 82, 99)` looks like.

```
.text, #text, p{  
    color:rgb(54, 82, 99)  
}
```

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(54, 82, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 82, 99) }
```

Border

The CSS property to change the border of an element to YIQ 75.5660, -22.1450, -0.6490 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(54, 82, 99) }
```


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

```
.border{ border-color:rgb(54, 82, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 82, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 82, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 82, 99);  
box-shadow:4px 4px 4px 4px rgb(54, 82, 99)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.5660, -22.1450, -0.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 82, 99) }
```

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

```
.background{ background-color: rgb(54, 82,  
99) }
```

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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