

Converting Colors

YIQ(75.9920, -22.7440, 15.7200)

Have a look what the booklet for
YIQ(75.9920, -22.7440, 15.7200)
contains.

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Color

**YIQ(75.9920, -22.7440,
15.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	404880
RGB	64, 72, 128
RGB Percent	25%, 28%, 50%
CMY	0.7490, 0.7176, 0.4982
CMYK	0.50, 0.44, 0.00, 0.50
HSL	232°, 33%, 38%
HSV	232°, 50%, 50%
XYZ	8.3262, 7.2829, 21.3772
YIQ	75.9920, -22.7440, 15.7200

Conversions

Conversions Part 2

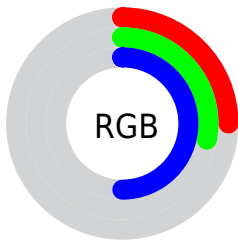
Format	Color
RYB	64, 71, 128
Decimal	4212864
CIELab	32.44, 13.26, -32.72
CIELCh	32, 35.304, 292.057
Yxy	7.2829, 0.2251, 0.1969
Android (android.graphics.Color)	4282402944 (0xFF404880)
YUV	75.9920, 25.6399, -10.5170
Hunter-Lab	26.9869, 7.8454, -28.0748

Details

The YIQ color **75.9920, -22.7440, 15.7200** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **116.0080, 22.7440, -15.7200**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.7580, -21.9650, 18.1230**, and **28.0080, -28.8410, 10.5750** is the 20% darker color. If you saturate the color by 10%, you get **65.6480, -27.4670, 18.7170**, and if you desaturate by 10%, it is **86.3360, -18.0210, 12.7230**.

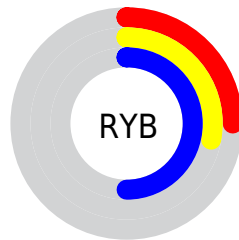
Distribution



Red (25%)

Green (28%)

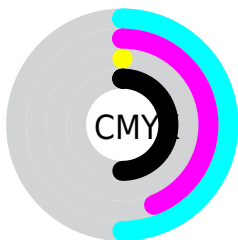
Blue (50%)



Red (25%)

Yellow (28%)

Blue (50%)

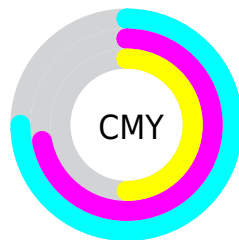


Cyan (50%)

Magenta (44%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (72%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.9920, -22.7440, 15.7200 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 75.9920, -22.7440, 15.7200 by changing the saturation by 10% instead.

■ 75.9920, -22.7440,
15.7200

■ 75.9920, -22.7440,
15.7200

■ 255.0000, -0.0000,
-0.0000

■ 52.4540, -24.1650,
13.9390

■ 125.7580,
-21.9650, 18.1230

■ 28.0080, -28.8410,
10.5750

■ 151.9860,
-22.6070, 18.7450

■ 8.0310, -18.4800,
15.5360

■ 178.8120,
-22.0570, 19.7910

■ 4.9360, -11.1430,
9.2170

■ 205.6720,
-18.8470, 16.6810

■ 0.6840, -1.9260,
1.8660

■ 230.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 75.9920, -22.7440,
15.7200

■ 75.9920, -22.7440,
15.7200

■ 65.6480, -27.4670,
18.7170

■ 86.3360, -18.0210,
12.7230

■ 55.3040, -32.1900,
21.7140

■ 96.6800, -13.2980,
9.7260

■ 44.6720, -36.0420,
25.4460

■ 107.3120, -9.4460,
5.9940

■ 34.3280, -40.7650,
28.4430

■ 117.6560, -4.7230,
2.9970

■ 23.9840, -45.4880,
31.4400

■ 128.0000, -0.0000,
-0.0000

■ 138.3440, 4.7230,
-2.9970

■ 148.6880, 9.4460,
-5.9940

■ 159.3200, 13.2980,

-9.7260

■ 169.6640, 18.0210,
-12.7230

Harmonies

Analogous

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



63.0680, -64.6010, -2.1450



75.9920, -22.7440, 15.7200



78.6710, 9.2570, 24.9770

Triad

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



75.9920, -22.7440, 15.7200



74.5520, 42.3640, 3.1640



59.9950, -46.3030, -25.3990

Complementary

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



75.9920, -22.7440, 15.7200



116.0080, 22.7440, -15.7200

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.



66.3930, -15.3090, -25.4290



75.9920, -22.7440, 15.7200



73.2050, 32.5550, -11.8050

Square

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



75.9920, -22.7440, 15.7200



74.9950, 43.0950, 17.4550



71.0560, 13.6210, -21.0910



63.7740, -55.5660, -17.2140

Rectangle

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



75.9920, -22.7440, 15.7200



77.6960, 25.3040, 26.0080



71.0560, 13.6210, -21.0910



58.8550, -43.0930, -28.5090

Sweetspot

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



75.9920, -22.7440, 15.7200



145.6110, -8.8500, 6.2060



107.8380, -35.2550, -16.3670



71.8840, -5.3650, 3.6190



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



75.9920, -22.7440, 15.7200



85.0310, -35.6750, 24.3010



78.1730, -6.8360, 24.7800



58.3850, -2.5220, 1.6540



23.9840, -45.4880, 31.4400



0.0000, 0.0000, 0.0000

Inverse Universe

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



84.0480, 35.5760, 16.0560



97.3820, 55.4270, 25.2430



113.8270, 6.8360, -24.7800



59.2070, 3.8510, 1.7950



40.0960, 71.1520, 32.1120



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 75.9920, -22.7440, 15.7200 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 75.9920, -22.7440, 15.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

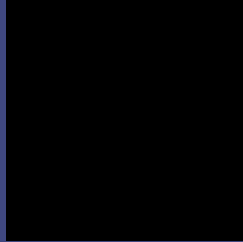
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.9920, -22.7440, 15.7200

Background



This preview shows how black text looks on a background with the YIQ color 75.9920, -22.7440, 15.7200.



This preview shows how white text looks on a background with the YIQ color 75.9920, -22.7440,

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

75.9920, -22.7440, 15.7200

Protanopia

73.8060, -31.0880, 12.7520

Deuteranopia

72.2350, -36.9100, 8.1300



Tritanopia

72.8280, -20.1270, -4.1830

Trichromacy



Original Color

75.9920, -22.7440, 15.7200

Protanomaly

74.3010, -28.1080, 13.8120

Deuteranomaly

73.4530, -31.5920, 10.8720

Tritanomaly

74.2720, -21.1370, 3.1110

Monochromacy



Original Color

75.9920, -22.7440, 15.7200

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.3830, -8.2080, 5.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.9920, -22.7440, 15.7200 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(64, 72, 128)` looks like.

```
.text, #text, p{  
    color:rgb(64, 72, 128)  
}
```

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(64, 72, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 72, 128) }
```

Border

The CSS property to change the border of an element to YIQ 75.9920, -22.7440, 15.7200 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(64, 72, 128) }
```


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

```
.border{ border-color:rgb(64, 72, 128) }
```

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

Here you see how a box with a 4 pixel rgb(64, 72, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 72, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 72, 128);  
box-shadow:4px 4px 4px 4px rgb(64, 72,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 75.9920, -22.7440, 15.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 72, 128) }
```

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

```
.background{ background-color: rgb(64, 72,  
128) }
```

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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