

Converting Colors

YIQ(75.9350, 6.6520, -21.4440)

Have a look what the booklet for
YIQ(75.9350, 6.6520, -21.4440)
contains.

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Color

**YIQ(75.9350, 6.6520,
-21.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	455820
RGB	69, 88, 32
RGB Percent	27%, 35%, 13%
CMY	0.7295, 0.6549, 0.8744
CMYK	0.22, 0.00, 0.64, 0.65
HSL	80°, 47%, 24%
HSV	80°, 64%, 35%
XYZ	6.2041, 8.3496, 2.6524
YIQ	75.9350, 6.6520, -21.4440

Conversions

Conversions Part 2

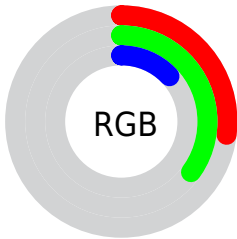
Format	Color
R_{YB}	32, 88, 51
Decimal	4544544
CIE Lab	34.70, -17.22, 29.44
CIE LCh	35, 34.103, 120.324
Yxy	8.3496, 0.3606, 0.4853
Android (android.graphics.Color)	4282734624 (0xFF455820)
YUV	75.9350, -21.6600, -6.0820
Hunter-Lab	28.8956, -12.2420, 14.7846

Details

The YIQ color **75.9350, 6.6520, -21.4440** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44.0650, -6.6520, 21.4440**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.5930, 7.6150, -22.3770**, and **31.8300, 2.7540, -16.8780** is the 20% darker color. If you saturate the color by 10%, you get **74.0120, 7.7530, -24.8790**, and if you desaturate by 10%, it is **77.8580, 5.5510, -18.0090**.

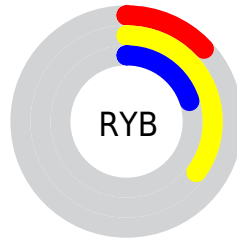
Distribution



Red (27%)

Green (35%)

Blue (13%)



Red (13%)

Yellow (35%)

Blue (20%)

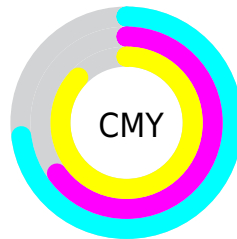


Cyan (22%)

Magenta (0%)

Yellow (64%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.9350, 6.6520, -21.4440 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 75.9350, 6.6520, -21.4440 by changing the saturation by 10% instead.

■ 75.9350, 6.6520,
-21.4440

■ 75.9350, 6.6520,
-21.4440

■ 255.0000, -0.0000,
-0.0000

■ 52.6360, 6.0560,
-21.6560

■ 125.5930, 7.6150,
-22.3770

■ 31.8300, 2.7540,
-16.8780

■ 151.3650, 8.2570,
-22.9990

■ 14.0880, -6.6000,
-12.5520

■ 178.2510, 8.5780,
-23.3100

■ 0.0000, 0.0000,
0.0000

■ 206.0230, 9.2200,
-23.9320

■ 234.4960, 9.2660,
-24.7660

■ 249.8700, 14.4450,

-13.9950

253.0620, 5.4570,
-5.2870

75.9350, 6.6520,
-21.4440

75.9350, 6.6520,
-21.4440

74.0120, 7.7530,
-24.8790

77.8580, 5.5510,
-18.0090

72.0890, 8.8540,
-28.3140

79.7810, 4.4500,
-14.5740

70.2800, 9.6340,
-31.4380

81.5900, 3.6700,
-11.4500

68.9980, 10.3680,
-33.7280

83.5130, 2.5690,
-8.0150

85.4360, 1.4680,
-4.5800

■ 87.3590, 0.3670,
-1.1450

■ 89.2820, -0.7340,
2.2900

■ 91.0910, -1.5140,
5.4140

■ 93.0140, -2.6150,
8.8490

Harmonies

Analogous

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



78.4000, 27.5120, -14.0240



75.9350, 6.6520, -21.4440



70.0160, -24.4330, -25.2730

Triad

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



75.9350, 6.6520, -21.4440



68.0090, -66.1130, -7.7850



81.6770, 35.4830, 23.2510

Complementary

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



75.9350, 6.6520, -21.4440



44.0650, -6.6520, 21.4440

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.



83.7920, 16.2260, 25.3300



75.9350, 6.6520, -21.4440



71.0910, -54.2400, 2.8160

Square

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



75.9350, 6.6520, -21.4440



68.0770, -60.7930, -16.0970



82.9610, -12.2910, 19.0130



81.0610, 42.7290, 13.0730

Rectangle

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



75.9350, 6.6520, -21.4440



63.3860, -48.9620, -26.7700



82.9610, -12.2910, 19.0130



83.0940, 29.9350, 24.6790

Sweetspot

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



75.9350, 6.6520, -21.4440



110.1000, 2.2940, -8.5380



59.8970, 28.1510, 1.9350



55.9090, 1.5140, -5.4140



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



75.9350, 6.6520, -21.4440



96.1120, 10.0470, -33.4170



67.5630, -10.0360, -27.3800



42.2450, 0.6880, -1.4560



84.0380, 12.8910, -40.9090



184.2900, 27.7550, -90.0450

Inverse Universe

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



44.0650, -6.6520, 21.4440



46.5890, -10.6430, 33.2050



52.4370, 10.0360, 27.3800



39.7550, -0.6880, 1.4560



22.9620, -12.8910, 40.9090



50.7100, -27.7550, 90.0450

Previews

White Background



This preview shows how the YIQ color 75.9350, 6.6520, -21.4440 looks on a white background.

Color Contrast Check

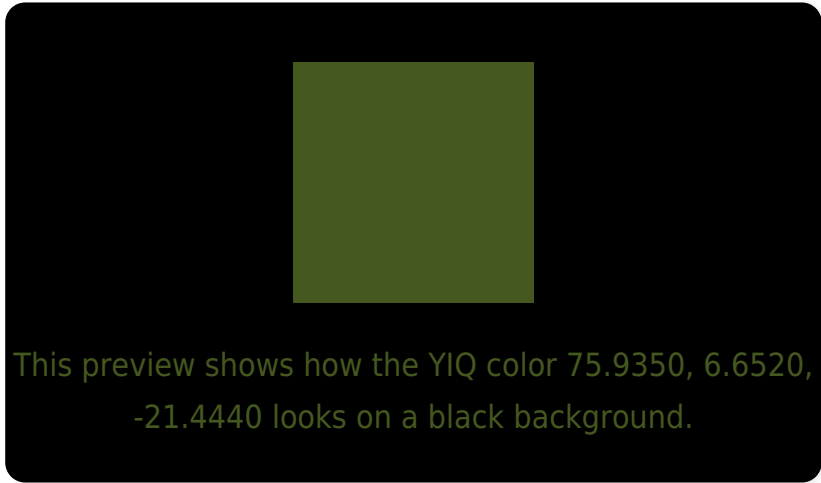
Large Text (above 18pt) WCAG AA ✓ Pass

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

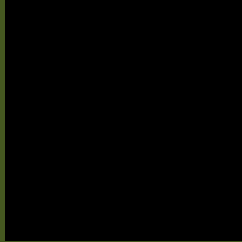
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.9350, 6.6520, -21.4440

Background



This preview shows how black text looks on a background with the YIQ color 75.9350, 6.6520, -21.4440.



This preview shows how white text looks on a background with the YIQ color 75.9350, 6.6520,

-21.4440.

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

75.9350, 6.6520, -21.4440

Protanopia

78.7630, 22.0560, -14.2640

Deuteranopia

79.3880, 27.7860, -7.9740



Tritanopia

81.0040, -5.8230, 0.9050

Trichromacy



Original Color

75.9350, 6.6520, -21.4440

Protanomaly

77.6590, 16.4170, -16.6950

Deuteranomaly

78.0340, 19.8550, -12.9210

Tritanomaly

78.8870, -1.4200, -7.3080

Monochromacy



Original Color

75.9350, 6.6520, -21.4440

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.6270, 2.2480, -7.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.9350, 6.6520, -21.4440 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(69, 88, 32)` looks like.

```
.text, #text, p{  
    color:rgb(69, 88, 32)  
}
```

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(69, 88, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 88, 32) }
```

Border

The CSS property to change the border of an element to YIQ 75.9350, 6.6520, -21.4440 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(69, 88, 32) }
```


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

```
.border{ border-color:rgb(69, 88, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 88, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 88, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 88, 32);  
box-shadow:4px 4px 4px 4px rgb(69, 88, 32)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.9350, 6.6520, -21.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 88, 32) }
```

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

```
.background{ background-color: rgb(69, 88,  
32) }
```

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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