

Converting Colors

YIQ(93.2520, -8.0760, 36.2440)

Have a look what the booklet for
YIQ(93.2520, -8.0760, 36.2440)
contains.

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Color

**YIQ(93.2520, -8.0760,
36.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	6C48A4
RGB	108, 72, 164
RGB Percent	42%, 28%, 64%
CMY	0.5763, 0.7177, 0.3570
CMYK	0.34, 0.56, 0.00, 0.36
HSL	264°, 39%, 46%
HSV	264°, 56%, 64%
XYZ	15.2036, 10.5026, 36.3354
YIQ	93.2520, -8.0760, 36.2440

Conversions

Conversions Part 2

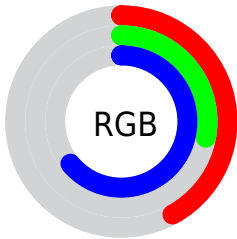
Format	Color
R_{YB}	108, 72, 164
Decimal	7096484
CIE Lab	38.73, 35.51, -44.36
CIE LCh	39, 56.827, 308.679
Yxy	10.5026, 0.2451, 0.1693
Android (android.graphics.Color)	4285286564 (0xFF6C48A4)
YUV	93.2520, 34.8788, 12.9340
Hunter-Lab	32.4077, 27.0272, -43.7902

Details

The YIQ color $93.2520, -8.0760, 36.2440$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $142.7480, 8.0760, -36.2440$, and the grayscale version is $93.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $145.1320, -7.6180, 38.9580$, and $43.7740, -9.7260, 33.1060$ is the 20% darker color. If you saturate the color by 10%, you get $80.8700, -9.6360, 42.4920$, and if you desaturate by 10%, it is $105.6340, -6.5160, 29.9960$.

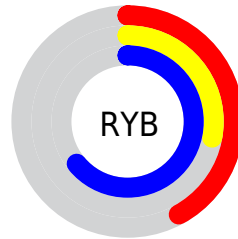
Distribution



Red (42%)

Green (28%)

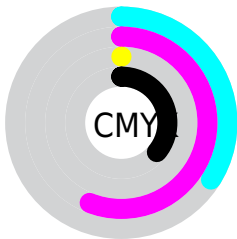
Blue (64%)



Red (42%)

Yellow (28%)

Blue (64%)

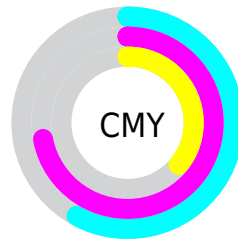


Cyan (34%)

Magenta (56%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (72%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.2520, -8.0760, 36.2440 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 93.2520, -8.0760, 36.2440 by changing the saturation by 10% instead.

93.2520, -8.0760,
36.2440

93.2520, -8.0760,
36.2440

255.0000, -0.0000,
-0.0000

68.3120, -8.3050,
34.8870

145.1320, -7.6180,
38.9580

43.7740, -9.7260,
33.1060

171.9580, -7.0680,
40.0040

19.0510, -12.0640,
31.4240

197.2760, 0.5440,
34.2080

7.7800, -19.0310,
20.0170

222.3830, 10.1280,
25.7120

6.3210, -13.6650,
10.8710

240.9120, 6.6000,
12.5520

2.5250, -5.7320,
4.7640

0.0000, 0.0000,

0.0000

■ 93.2520, -8.0760,
36.2440

■ 93.2520, -8.0760,
36.2440

■ 80.8700, -9.6360,
42.4920

■ 105.6340, -6.5160,
29.9960

■ 67.9010, -10.9210,
49.2630

■ 118.6030, -5.2310,
23.2250

■ 55.5190, -12.4810,
55.5110

■ 130.9850, -3.6710,
16.9770

■ 42.5500, -13.7660,
62.2820

■ 143.9540, -2.3860,
10.2060

■ 37.8320, -14.5000,
64.5720

■ 156.3360, -0.8260,
3.9580

■ 168.7180, 0.7340,
-2.2900

■ 181.6870, 2.0190,
-9.0610

■ 194.0690, 3.5790,
-15.3090

■ 207.0380, 4.8640,
-22.0800

Harmonies

Analogous

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



75.4530, -84.3180, 8.2740



93.2520, -8.0760, 36.2440



88.2980, 39.0090, 47.4650

Triad

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



93.2520, -8.0760, 36.2440



85.5750, 60.7520, -10.7040



77.0130, -63.9090, -25.7090

Complementary

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



93.2520, -8.0760, 36.2440



142.7480, 8.0760, -36.2440

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.



70.2530, -47.6300, -39.9020



93.2520, -8.0760, 36.2440



84.7790, 33.1540, -28.1740

Square

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



93.2520, -8.0760, 36.2440



83.8380, 71.3380, 17.7220



75.1010, -0.5880, -44.4280



82.0290, -78.0330, -12.0250

Rectangle

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



93.2520, -8.0760, 36.2440



81.9060, 60.6040, 47.0680



75.1010, -0.5880, -44.4280



75.1890, -58.7730, -30.6850

Sweetspot

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



93.2520, -8.0760, 36.2440



186.2900, -3.2120, 14.1640



115.9470, -45.2070, -1.1990



90.7860, -1.9730, 8.2270



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



93.2520, -8.0760, 36.2440



104.0460, -12.5270, 56.3450



106.7070, 18.7440, 45.7840



75.2220, -0.5050, 3.6470



33.5730, -12.5730, 57.1790



4.1450, -1.6060, 7.0820

Inverse Universe

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



105.8920, 36.8560, 36.9200



123.6750, 57.3010, 57.3730



129.2930, -18.7440, -45.7840



76.2610, 3.7590, 3.4630



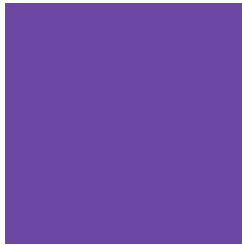
53.3870, 58.1720, 58.1080



6.6360, 7.1970, 7.2370

Previews

White Background



This preview shows how the YIQ color 93.2520, -8.0760, 36.2440 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



This preview shows how the YIQ color 93.2520, -8.0760, 36.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

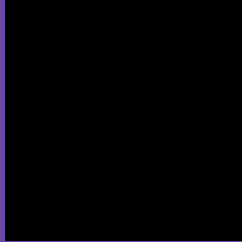
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.2520, -8.0760, 36.2440

Background



This preview shows how black text looks on a background with the YIQ color 93.2520, -8.0760, 36.2440.



This preview shows how white text looks on a background with the YIQ color 93.2520, -8.0760,

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

93.2520, -8.0760, 36.2440

Protanopia

81.8580, -63.2290, 17.0510

Deuteranopia

83.2960, -56.0750, 8.5410



Tritanopia

91.9940, 0.1370, 3.0250

Trichromacy



Original Color

93.2520, -8.0760, 36.2440

Protanomaly

86.0240, -42.9650, 24.2590

Deuteranomaly

86.7870, -38.1040, 18.7600

Tritanomaly

92.1160, -2.6620, 15.2100

Monochromacy



Original Color

93.2520, -8.0760, 36.2440

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.7630, -3.1660, 13.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.2520, -8.0760, 36.2440 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(108, 72, 164)` looks like.

```
.text, #text, p{  
    color:rgb(108, 72, 164)  
}
```

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(108, 72, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 72, 164) }
```

Border

The CSS property to change the border of an element to YIQ 93.2520, -8.0760, 36.2440 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(108, 72, 164) }
```


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

```
.border{ border-color:rgb(108, 72, 164) }
```

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

Here you see how a box with a 4 pixel rgb(108, 72, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 72, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 72, 164);  
box-shadow:4px 4px 4px 4px rgb(108, 72,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 93.2520, -8.0760, 36.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 72, 164) }
```

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

```
.background{ background-color: rgb(108, 72,  
164) }
```

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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