

Converting Colors

YIQ(69.6740, 75.0960, 26.7120)

Have a look what the booklet for
YIQ(69.6740, 75.0960, 26.7120)
contains.

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Color

**YIQ(69.6740, 75.0960,
26.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2020
RGB	158, 32, 32
RGB Percent	62%, 13%, 13%
CMY	0.3801, 0.8747, 0.8742
CMYK	0.00, 0.80, 0.80, 0.38
HSL	360°, 66%, 37%
HSV	360°, 80%, 62%
XYZ	14.8924, 8.4117, 2.2106
YIQ	69.6740, 75.0960, 26.7120

Conversions

Conversions Part 2

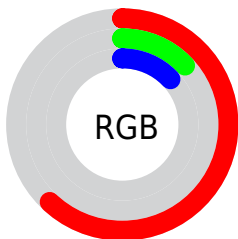
Format	Color
R_{YB}	158, 32, 32
Decimal	10362912
CIE _{Lab}	34.83, 50.48, 33.07
CIE _{LCh}	35, 60.345, 33.231
Yxy	8.4117, 0.5837, 0.3297
Android (android.graphics.Color)	4288552992 (0xFF9E2020)
YUV	69.6740, -18.5733, 77.4619
Hunter-Lab	29.0030, 40.9008, 15.7830

Details

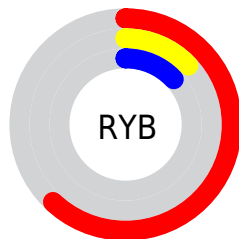
The YIQ color **69.6740, 75.0960, 26.7120** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **120.3260, -75.0960, -26.7120**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5020, 81.3320, 23.8280**, and **29.3020, 58.4080, 20.7760** is the 20% darker color. If you saturate the color by 10%, you get **58.4580, 84.6320, 30.1040**, and if you desaturate by 10%, it is **80.8900, 65.5600, 23.3200**.

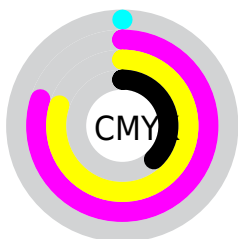
Distribution



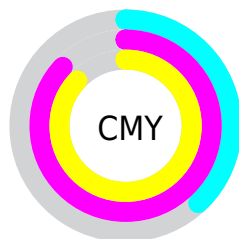
- Red (62%)
- Green (13%)
- Blue (13%)



- Red (62%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (38%)



- Cyan (38%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.6740, 75.0960, 26.7120 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 69.6740, 75.0960, 26.7120 by changing the saturation by 10% instead.

■ 69.6740, 75.0960,
26.7120

■ 69.6740, 75.0960,
26.7120

■ 255.0000, -0.0000,
-0.0000

■ 39.5260, 72.7570,
30.5570

■ 126.5020, 81.3320,
23.8280

■ 29.3020, 58.4080,
20.7760

■ 154.6550, 85.2750,
23.9550

■ 20.6310, 41.1240,
14.6280

■ 174.5500, 72.2090,
18.4570

■ 12.3730, 24.1150,
9.0030

■ 193.9500, 56.1630,
11.8990

■ 0.0000, 0.0000,
0.0000

■ 213.4640, 39.7960,
5.6520

■ 233.6790, 22.8330,

-0.8070

■ 252.7200, 6.4200,
-6.2200

■ 69.6740, 75.0960,
26.7120

■ 69.6740, 75.0960,
26.7120

■ 58.4580, 84.6320,
30.1040

■ 80.8900, 65.5600,
23.3200

■ 47.2420, 94.1680,
33.4960

■ 92.1060, 56.0240,
19.9280

■ 102.6210, 47.0840,
16.7480

■ 113.8370, 37.5480,
13.3560

■ 125.0530, 28.0120,
9.9640

■ 136.2690, 18.4760,
6.5720

■ 147.4850, 8.9400,
3.1800

■ 158.0000, -0.0000,
0.0000

■ 169.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



58.9170, 71.2390, 58.0790



69.6740, 75.0960, 26.7120



76.4600, 62.8140, -4.0180

Triad

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



69.6740, 75.0960, 26.7120



62.1030, -38.4600, -40.8920



71.4750, -81.3840, 10.1680

Complementary

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



69.6740, 75.0960, 26.7120



120.3260, -75.0960, -26.7120

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.



76.6780, -80.8780, 0.9940



69.6740, 75.0960, 26.7120



69.6780, -55.6560, -26.6000

Square

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



69.6740, 75.0960, 26.7120



68.0460, 1.2450, -39.0990



75.1500, -71.0640, -11.6720



82.1410, -21.0050, 33.7710

Rectangle

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



69.6740, 75.0960, 26.7120



77.5020, 44.6600, -16.4280



75.1500, -71.0640, -11.6720



73.8230, -82.4840, 8.0760

Sweetspot

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



69.6740, 75.0960, 26.7120



171.9500, 29.8000, 10.6000



83.4400, 33.4580, 65.4740



83.2690, 18.4760, 6.5720



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



69.6740, 75.0960, 26.7120



67.5010, 118.6040, 42.1880



105.4810, 58.3210, -5.1910



73.3920, 4.7680, 1.6960



42.7570, 85.2280, 30.3160



4.4850, 8.9400, 3.1800

Inverse Universe

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



69.6740, 75.0960, 26.7120



67.5010, 118.6040, 42.1880



84.5190, -58.3210, 5.1910



73.3920, 4.7680, 1.6960



42.7570, 85.2280, 30.3160



4.4850, 8.9400, 3.1800

Previews

White Background



This preview shows how the YIQ color 69.6740, 75.0960, 26.7120 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 69.6740, 75.0960, 26.7120

Background



This preview shows how black text looks on a background with the YIQ color 69.6740, 75.0960, 26.7120.



This preview shows how white text looks on a background with the YIQ color 69.6740, 75.0960,

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

69.6740, 75.0960, 26.7120

Protanopia

81.4730, 17.2410, -9.5990

Deuteranopia

80.1620, 34.1140, -12.5260



Tritanopia

69.6740, 75.0960, 26.7120

Trichromacy



Original Color

69.6740, 75.0960, 26.7120

Protanomaly

76.9260, 38.3750, 3.8710

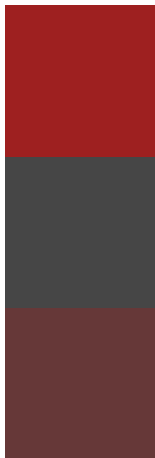
Deuteranomaly

76.3200, 48.8290, 1.6370

Tritanomaly

69.6740, 75.0960, 26.7120

Monochromacy



Original Color

69.6740, 75.0960, 26.7120

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7540, 27.4160, 9.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.6740, 75.0960, 26.7120 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(158, 32, 32)` looks like.

```
.text, #text, p{  
    color:rgb(158, 32, 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(158, 32, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 32, 32) }
```

Border

The CSS property to change the border of an element to YIQ 69.6740, 75.0960, 26.7120 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(158, 32, 32) }
```


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

```
.border{ border-color:rgb(158, 32, 32) }
```

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

Here you see how a box with a 4 pixel rgb(158, 32, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 32, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 32, 32);  
box-shadow:4px 4px 4px 4px rgb(158, 32,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 69.6740, 75.0960, 26.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 32, 32) }
```

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

```
.background{ background-color: rgb(158, 32,  
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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