

Converting Colors

YIQ(57.2100, 7.7960, -9.1320)

Have a look what the booklet for
YIQ(57.2100, 7.7960, -9.1320)
contains.

YIQ(57.2100, 7.7960, -9.1320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(57.2100, 7.7960,
-9.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3D21
RGB	59, 61, 33
RGB Percent	23%, 24%, 13%
CMY	0.7686, 0.7608, 0.8705
CMYK	0.03, 0.00, 0.46, 0.76
HSL	64°, 30%, 18%
HSV	64°, 46%, 24%
XYZ	3.7468, 4.3771, 2.0872
YIQ	57.2100, 7.7960, -9.1320

Conversions

Conversions Part 2

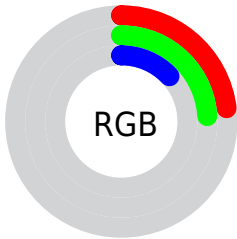
Format	Color
RYB	33, 61, 35
Decimal	3882273
CIELab	24.88, -6.04, 16.96
CIELCh	25, 18.003, 109.613
Yxy	4.3771, 0.3669, 0.4287
Android (android.graphics.Color)	4282072353 (0xFF3B3D21)
YUV	57.2100, -11.9355, 1.5698
Hunter-Lab	20.9215, -4.6454, 8.7300

Details

The YIQ color **57.2100, 7.7960, -9.1320** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **36.7900, -7.7960, 9.1320**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.2810, 9.0340, -9.5420**, and **14.7410, 1.9270, -7.3930** is the 20% darker color. If you saturate the color by 10%, you get **56.5260, 9.7220, -10.9980**, and if you desaturate by 10%, it is **57.8940, 5.8700, -7.2660**.

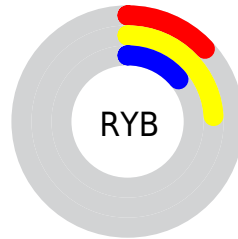
Distribution



Red (23%)

Green (24%)

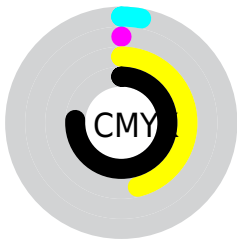
Blue (13%)



Red (13%)

Yellow (24%)

Blue (14%)

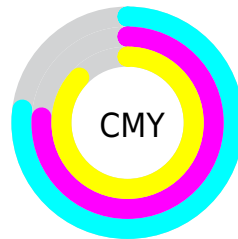


Cyan (3%)

Magenta (0%)

Yellow (46%)

Black (76%)



Cyan (77%)

Magenta (76%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.2100, 7.7960, -9.1320 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 57.2100, 7.7960, -9.1320 by changing the saturation by 10% instead.

■ 57.2100, 7.7960,
-9.1320

■ 57.2100, 7.7960,
-9.1320

■ 255.0000, -0.0000,
-0.0000

■ 35.2100, 7.7960,
-9.1320

■ 104.2810, 9.0340,
-9.5420

■ 14.7410, 1.9270,
-7.3930

■ 129.7540, 9.0800,
-10.3760

■ 0.0000, 0.0000,
0.0000

■ 155.9390, 9.9970,
-10.4750

■ 182.8250, 10.3180,
-10.7860

■ 210.1240, 10.9140,
-10.5740

■ 238.5970, 10.9600,

-11.4080

■ 252.8340, 6.0990,
-5.9090

■ 57.2100, 7.7960,
-9.1320

■ 57.2100, 7.7960,
-9.1320

■ 56.5260, 9.7220,
-10.9980

■ 57.8940, 5.8700,
-7.2660

■ 55.5430, 11.0520,
-13.0760

■ 58.8770, 4.5400,
-5.1880

■ 54.8590, 12.9780,
-14.9420

■ 59.5610, 2.6140,
-3.3220

■ 53.8760, 14.3080,
-17.0200

■ 60.5440, 1.2840,
-1.2440

■ 53.1920, 16.2340,
-18.8860

■ 61.3420, -0.9630,
0.9330

■ 52.8500, 17.1970,
-19.8190

■ 62.3250, -2.2930,
3.0110

■ 63.0090, -4.2190,
4.8770

■ 63.6930, -6.1450,
6.7430

■ 64.6760, -7.4750,
8.8210

Harmonies

Analogous

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



58.6350, 16.9650, -4.5950



57.2100, 7.7960, -9.1320



55.0990, -5.1330, -11.6050

Triad

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



57.2100, 7.7960, -9.1320



49.2540, -39.0620, -7.9420



60.5770, 14.8530, 11.6610

Complementary

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



57.2100, 7.7960, -9.1320



36.7900, -7.7960, 9.1320

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.



60.5310, 3.2990, 11.8030



57.2100, 7.7960, -9.1320



55.3530, -25.8590, 0.5810

Square

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



57.2100, 7.7960, -9.1320



48.2880, -36.4020, -12.0980



59.2950, -10.7760, 8.0720



60.2910, 21.4100, 8.4660

Rectangle

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



57.2100, 7.7960, -9.1320



53.8960, -14.8070, -12.4950



59.2950, -10.7760, 8.0720



61.1360, 11.7810, 12.2690

Sweetspot

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



57.2100, 7.7960, -9.1320



77.4470, 2.9350, -3.6330



42.5460, 16.1380, 4.8900



39.9030, 1.6510, -2.3890



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



57.2100, 7.7960, -9.1320



73.2010, 12.0150, -14.0090



53.0240, -0.5480, -12.1000



30.3590, 0.3670, -1.1450



81.4900, 26.5980, -30.5060



191.9080, 61.7260, -72.4340

Inverse Universe

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



36.7900, -7.7960, 9.1320



41.7990, -12.0150, 14.0090



40.9760, 0.5480, 12.1000



28.3420, -0.9630, 0.9330



12.8090, -26.0020, 30.7180



30.0920, -61.7260, 72.4340

Previews

White Background



This preview shows how the YIQ color 57.2100, 7.7960, -9.1320 looks on a white background.

Color Contrast Check

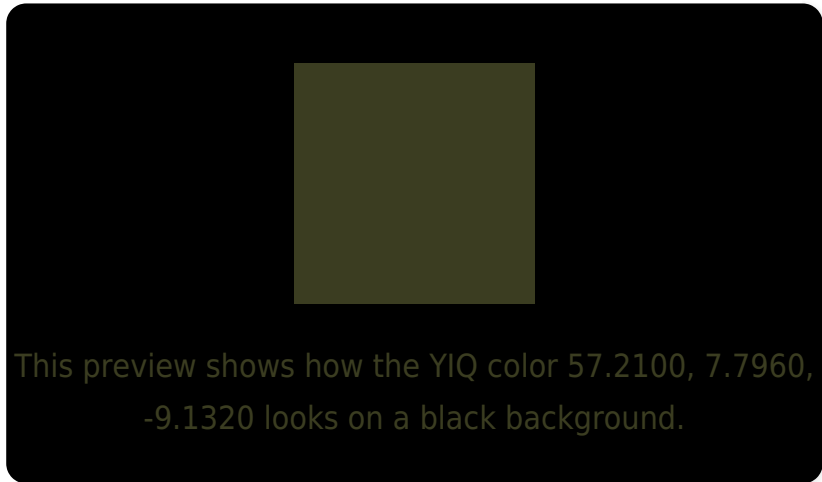
Large Text (above 18pt) WCAG AA ✓ Pass

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

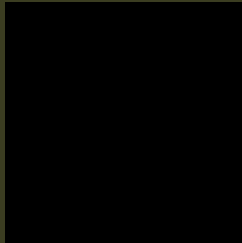
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

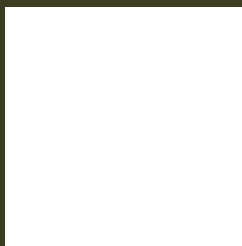
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 57.2100, 7.7960, -9.1320

Background



This preview shows how black text looks on a background with the YIQ color 57.2100, 7.7960, -9.1320.



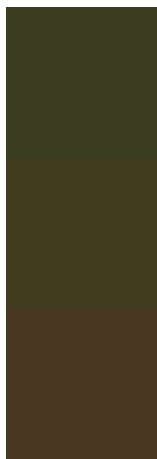
This preview shows how white text looks on a background with the YIQ color 57.2100, 7.7960,

-9.1320.

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

57.2100, 7.7960, -9.1320

Protanopia

57.7160, 12.2430, -7.1250

Deuteranopia

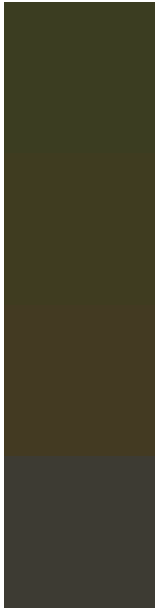
58.2760, 16.5980, -3.4500



Tritanopia

59.6520, 1.1000, 2.0920

Trichromacy



Original Color

57.2100, 7.7960, -9.1320

Protanomaly

57.7050, 10.7760, -8.0720

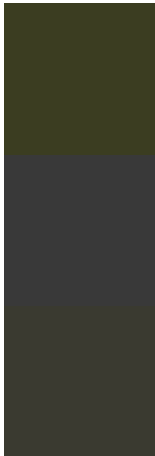
Deuteranomaly

57.9550, 13.0680, -5.5560

Tritanomaly

58.6860, 3.7600, -2.0640

Monochromacy



Original Color

57.2100, 7.7960, -9.1320

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8600, 3.2100, -3.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.2100, 7.7960, -9.1320 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(59, 61, 33)` looks like.

```
.text, #text, p{  
    color:rgb(59, 61, 33)  
}
```

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(59, 61, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 61, 33) }
```

Border

The CSS property to change the border of an element to YIQ 57.2100, 7.7960, -9.1320 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(59, 61, 33) }
```


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

```
.border{ border-color:rgb(59, 61, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 61, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 61, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 61, 33);  
box-shadow:4px 4px 4px 4px rgb(59, 61, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.2100, 7.7960, -9.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 61, 33) }
```

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

```
.background{ background-color: rgb(59, 61,  
33) }
```

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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