

Converting Colors

YIQ(96.9020, 37.7820, -12.9220)

Have a look what the booklet for
YIQ(96.9020, 37.7820, -12.9220)
contains.

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Color

**YIQ(96.9020, 37.7820,
-12.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5F21
RGB	125, 95, 33
RGB Percent	49%, 37%, 13%
CMY	0.5098, 0.6275, 0.8704
CMYK	0.00, 0.24, 0.74, 0.51
HSL	40°, 58%, 31%
HSV	40°, 74%, 49%
XYZ	12.8249, 12.6528, 3.2088
YIQ	96.9020, 37.7820, -12.9220

Conversions

Conversions Part 2

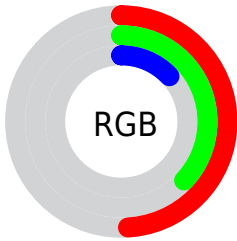
Format	Color
R_{YB}	78, 125, 33
Decimal	8216353
CIE Lab	42.24, 5.44, 38.63
CIE LCh	42, 39.010, 81.985
Yxy	12.6528, 0.4471, 0.4411
Android (android.graphics.Color)	4286406433 (0xFF7D5F21)
YUV	96.9020, -31.5037, 24.6419
Hunter-Lab	35.5708, 2.1088, 19.5510

Details

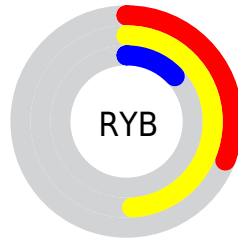
The YIQ color **96.9020, 37.7820, -12.9220** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **61.0980, -37.7820, 12.9220**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1690, 41.4040, -12.4840**, and **50.5900, 30.0330, -10.1510** is the 20% darker color. If you saturate the color by 10%, you get **93.1860, 42.7340, -14.5620**, and if you desaturate by 10%, it is **100.7320, 32.5090, -10.9710**.

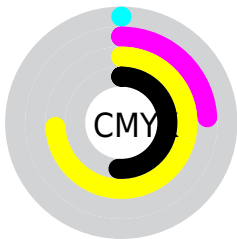
Distribution



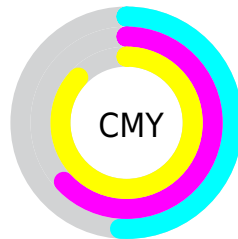
- Red (49%)
- Green (37%)
- Blue (13%)



- Red (31%)
- Yellow (49%)
- Blue (13%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (51%)



- Cyan (51%)
- Magenta (63%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.9020, 37.7820, -12.9220 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 96.9020, 37.7820, -12.9220 by changing the saturation by 10% instead.

■ 96.9020, 37.7820,
-12.9220

■ 96.9020, 37.7820,
-12.9220

■ 255.0000, -0.0000,
-0.0000

■ 71.7770, 36.6360,
-14.1800

■ 148.4680, 42.0000,
-12.2720

■ 50.5900, 30.0330,
-10.1510

■ 175.5390, 43.2380,
-12.6820

■ 30.4890, 20.3120,
-4.6800

■ 203.0230, 44.7510,
-12.5690

■ 8.9260, 12.0120,
2.5720

■ 227.6200, 38.5160,
-15.2120

■ 0.0000, 0.0000,
0.0000

■ 247.1340, 22.1490,
-21.4590

■ 250.3260, 13.1610,

-12.7510

■ 253.6320, 3.8520,
-3.7320

■ 96.9020, 37.7820,
-12.9220

■ 96.9020, 37.7820,
-12.9220

■ 93.1860, 42.7340,
-14.5620

■ 100.7320, 32.5090,
-10.9710

■ 89.3560, 48.0070,
-16.5130

■ 104.4480, 27.5570,
-9.3310

■ 86.6830, 51.4000,
-17.4320

■ 108.2780, 22.2840,
-7.3800

■ 111.9940, 17.3320,
-5.7400

■ 115.8240, 12.0590,
-3.7890

■ 119.5400, 7.1070,
-2.1490

■ 123.9570, 1.5590,
-0.7210

■ 127.6730, -3.3930,
0.9190

■ 131.5030, -8.6660,
2.8700

Harmonies

Analogous

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



98.6730, 49.3330, 3.5170



96.9020, 37.7820, -12.9220



93.8450, 15.5930, -23.7910

Triad

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



96.9020, 37.7820, -12.9220



81.5270, -71.1080, -21.8920



103.2630, 10.5860, 28.4260

Complementary

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



96.9020, 37.7820, -12.9220



61.0980, -37.7820, 12.9220

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.



99.9040, -25.3120, 18.2080



96.9020, 37.7820, -12.9220



83.4310, -79.2250, -12.4490

Square

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



96.9020, 37.7820, -12.9220



77.7650, -60.5150, -32.1550



80.8040, -81.4730, -4.7450



100.8500, 36.6740, 29.2020

Rectangle

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



96.9020, 37.7820, -12.9220



91.2000, -4.5800, -27.1400



80.8040, -81.4730, -4.7450



102.6360, -0.8300, 26.0660

Sweetspot

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



96.9020, 37.7820, -12.9220



151.8520, 14.8560, -4.9200



64.0420, 44.8810, 29.1450



75.3830, 8.9870, -3.1810



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



96.9020, 37.7820, -12.9220



119.1090, 58.8280, -19.8920



110.0270, 20.5920, -31.7920



62.0280, 2.7970, -1.1310



88.7540, 52.6380, -17.8420



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.0980, -37.7820, 12.9220



63.3040, -58.5530, 20.4150



47.9730, -20.5920, 31.7920



58.9720, -2.7970, 1.1310



39.2460, -52.6380, 17.8420



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 96.9020, 37.7820, -12.9220 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 96.9020, 37.7820, -12.9220 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 96.9020, 37.7820, -12.9220

Background



This preview shows how black text looks on a background with the YIQ color 96.9020, 37.7820, -12.9220.



This preview shows how white text looks on a background with the YIQ color 96.9020, 37.7820,

-12.9220.

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

96.9020, 37.7820, -12.9220

Protanopia

96.0640, 28.3380, -17.9820

Deuteranopia

96.9020, 37.7820, -12.9220



Tritanopia

101.7580, 21.5930, 10.6570

Trichromacy



Original Color

96.9020, 37.7820, -12.9220

Protanomaly

96.3850, 31.8680, -15.8760

Deuteranomaly

96.9020, 37.7820, -12.9220

Tritanomaly

100.0110, 27.8300, 2.2460

Monochromacy



Original Color

96.9020, 37.7820, -12.9220

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.7810, 13.6180, -4.5100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.9020, 37.7820, -12.9220 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(125, 95, 33)` looks like.

```
.text, #text, p{  
    color:rgb(125, 95, 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(125, 95, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 95, 33) }
```

Border

The CSS property to change the border of an element to YIQ 96.9020, 37.7820, -12.9220 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(125, 95, 33) }
```


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

```
.border{ border-color:rgb(125, 95, 33) }
```

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

Here you see how a box with a 4 pixel rgb(125, 95, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 95, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 95, 33);  
box-shadow:4px 4px 4px 4px rgb(125, 95,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 96.9020, 37.7820, -12.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 95, 33) }
```

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

```
.background{ background-color: rgb(125, 95,  
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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