

Converting Colors

YIQ(96.6200, 21.3210, -6.4470)

Have a look what the booklet for
YIQ(96.6200, 21.3210, -6.4470)
contains.

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Color

**YIQ(96.6200, 21.3210,
-6.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	715F3E
RGB	113, 95, 62
RGB Percent	44%, 37%, 24%
CMY	0.5568, 0.6275, 0.7567
CMYK	0.00, 0.16, 0.45, 0.56
HSL	39°, 29%, 34%
HSV	39°, 45%, 44%
XYZ	11.7726, 12.0422, 6.2654
YIQ	96.6200, 21.3210, -6.4470

Conversions

Conversions Part 2

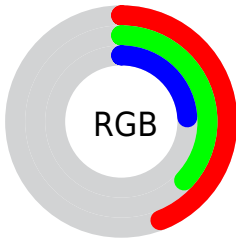
Format	Color
R_{YB}	90, 113, 62
Decimal	7429950
CIE Lab	41.28, 2.33, 21.55
CIE LCh	41, 21.676, 83.835
Yxy	12.0422, 0.3914, 0.4003
Android (android.graphics.Color)	4285620030 (0xFF715F3E)
YUV	96.6200, -17.0677, 14.3653
Hunter-Lab	34.7019, -0.1725, 13.5866

Details

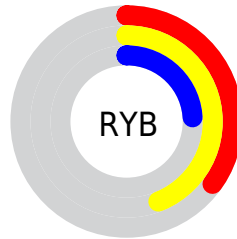
The YIQ color **96.6200, 21.3210, -6.4470** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.3800, -21.3210, 6.4470**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2890, 23.7510, -6.4330**, and **49.6520, 18.2950, -6.6730** is the 20% darker color. If you saturate the color by 10%, you get **93.0180, 25.9520, -7.7760**, and if you desaturate by 10%, it is **100.2220, 16.6900, -5.1180**.

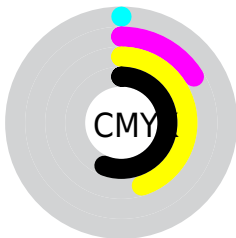
Distribution



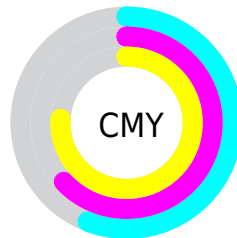
- Red (44%)
- Green (37%)
- Blue (24%)



- Red (35%)
- Yellow (44%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.6200, 21.3210, -6.4470 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 96.6200, 21.3210, -6.4470 by changing the saturation by 10% instead.

■ 96.6200, 21.3210,
-6.4470

■ 96.6200, 21.3210,
-6.4470

■ 255.0000, -0.0000,
-0.0000

■ 72.5490, 20.0830,
-6.0370

■ 147.2890, 23.7510,
-6.4330

■ 49.7660, 17.9740,
-6.3620

■ 174.1750, 24.0720,
-6.7440

■ 28.6950, 16.7360,
-5.9520

■ 201.6590, 25.5850,
-6.6310

■ 5.6480, 6.9230,
1.1870

■ 229.8440, 26.5020,
-6.7300

■ 0.0000, 0.0000,
0.0000

■ 250.6680, 12.1980,
-11.8180

■ 253.8600, 3.2100,

-3.1100

■ 96.6200, 21.3210,
-6.4470

■ 96.6200, 21.3210,
-6.4470

■ 93.0180, 25.9520,
-7.7760

■ 100.2220, 16.6900,
-5.1180

■ 89.3020, 30.9040,
-9.4160

■ 103.9380, 11.7380,
-3.4780

■ 85.7000, 35.5350,
-10.7450

■ 107.5400, 7.1070,
-2.1490

■ 82.0980, 40.1660,
-12.0740

■ 111.1420, 2.4760,
-0.8200

■ 78.4960, 44.7970,
-13.4030

■ 114.8580, -2.4760,
0.8200

■ 76.6380, 47.2730,
-14.2230

■ 118.4600, -7.1070,
2.1490

■ 122.0620,
-11.7380, 3.4780

■ 125.6640,
-16.3690, 4.8070

■ 129.3800,
-21.3210, 6.4470

Harmonies

Analogous

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



97.7830, 28.4720, 1.6240



96.6200, 21.3210, -6.4470



94.9880, 8.3010, -12.7790

Triad

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



96.6200, 21.3210, -6.4470



86.8250, -42.4080, -13.3840



99.9060, 6.7370, 15.5770

Complementary

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



96.6200, 21.3210, -6.4470



78.3800, -21.3210, 6.4470

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.



98.4030, -10.9600, 11.4080



96.6200, 21.3210, -6.4470



88.8560, -43.6930, -6.6130

Square

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



96.6200, 21.3210, -6.4470



89.2580, -27.6900, -15.8020



94.0800, -29.3440, 3.1680



99.8060, 21.6380, 15.3500

Rectangle

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



96.6200, 21.3210, -6.4470



93.3610, -3.1150, -15.1390



94.0800, -29.3440, 3.1680



99.7420, 1.3270, 14.5030

Sweetspot

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



96.6200, 21.3210, -6.4470



141.4970, 8.6660, -2.8700



79.4150, 24.2970, 16.7210



70.1700, 5.2730, -1.9510



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



96.6200, 21.3210, -6.4470



122.4440, 33.3800, -10.2360



105.0930, 12.1990, -17.3450



54.1420, 2.4760, -0.8200



81.6660, 50.0700, -15.3540



167.7730, 103.2120, -31.3160

Inverse Universe

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



78.3800, -21.3210, 6.4470



93.5560, -33.3800, 10.2360



69.9070, -12.1990, 17.3450



51.8580, -2.4760, 0.8200



38.3340, -50.0700, 15.3540



79.2270, -103.2120, 31.3160

Previews

White Background



This preview shows how the YIQ color 96.6200, 21.3210, -6.4470 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 96.6200, 21.3210, -6.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

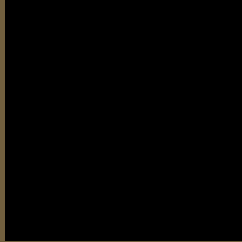
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.6200, 21.3210, -6.4470

Background



This preview shows how black text looks on a background with the YIQ color 96.6200, 21.3210, -6.4470.



This preview shows how white text looks on a background with the YIQ color 96.6200, 21.3210,

-6.4470.

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

96.6200, 21.3210, -6.4470

Protanopia

95.8150, 16.2780, -8.6660

Deuteranopia

96.6420, 24.2550, -4.5530



Tritanopia

99.2730, 12.6530, 7.4770

Trichromacy



Original Color

96.6200, 21.3210, -6.4470

Protanomaly

96.1250, 18.3410, -7.5070

Deuteranomaly

96.9300, 23.3840, -5.2880

Tritanomaly

98.0790, 15.9550, 2.6990

Monochromacy



Original Color

96.6200, 21.3210, -6.4470

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.7250, 8.0240, -2.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.6200, 21.3210, -6.4470 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(113, 95, 62)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 62)  
}
```

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(113, 95, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 62) }
```

Border

The CSS property to change the border of an element to YIQ 96.6200, 21.3210, -6.4470 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(113, 95, 62) }
```


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

```
.border{ border-color:rgb(113, 95, 62) }
```

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

Here you see how a box with a 4 pixel rgb(113, 95, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 62);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 96.6200, 21.3210, -6.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 95, 62) }
```

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

```
.background{ background-color: rgb(113, 95,  
62) }
```

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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