

Converting Colors

YIQ(21.4170, 3.6200, 11.4920)

Have a look what the booklet for
YIQ(21.4170, 3.6200, 11.4920)
contains.

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Color

**YIQ(21.4170, 3.6200,
11.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	200D25
RGB	32, 13, 37
RGB Percent	13%, 5%, 15%
CMY	0.8744, 0.9490, 0.8549
CMYK	0.13, 0.65, 0.00, 0.85
HSL	288°, 48%, 10%
HSV	288°, 65%, 15%
XYZ	1.0739, 0.7285, 1.8342
YIQ	21.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

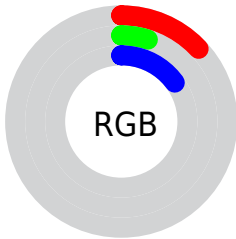
Format	Color
RYB	32, 13, 37
Decimal	2100517
CIELab	6.58, 14.86, -12.34
CIELCh	7, 19.317, 320.308
Yxy	0.7285, 0.2953, 0.2003
Android (android.graphics.Color)	4280290597 (0xFF200D25)
YUV	21.4170, 7.6824, 9.2813
Hunter-Lab	8.5354, 7.5209, -6.7662

Details

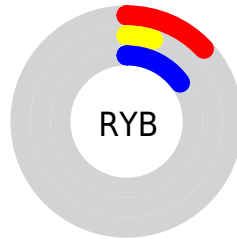
The YIQ color **21.4170, 3.6200, 11.4920** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **28.5830, -3.6200, -11.4920**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **64.6560, 4.4450, 13.0610**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.7700, 4.1240, 13.3720**, and if you desaturate by 10%, it is **24.0640, 3.1160, 9.6120**.

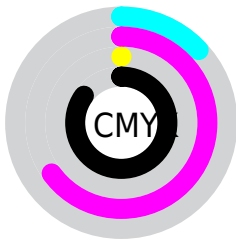
Distribution



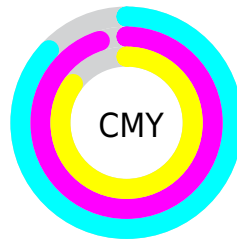
- Red (13%)
- Green (5%)
- Blue (15%)



- Red (13%)
- Yellow (5%)
- Blue (15%)



- Cyan (13%)
- Magenta (65%)
- Yellow (0%)
- Black (85%)



- Cyan (87%)
- Magenta (95%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.4170, 3.6200, 11.4920 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 21.4170, 3.6200, 11.4920 by changing the saturation by 10% instead.

■ 21.4170, 3.6200,
11.4920

■ 21.4170, 3.6200,
11.4920

■ 244.4340, 4.9500,
9.4140

■ 2.2970, -5.0900,
4.1420

■ 64.6560, 4.4450,
13.0610

■ 0.0000, 0.0000,
0.0000

■ 88.0690, 4.7200,
13.5840

■ 113.0690, 4.7200,
13.5840

■ 138.4820, 4.9950,
14.1070

■ 164.8950, 5.2700,
14.6300

■ 192.3080, 5.5450,

15.1530

■ 219.7210, 5.8200,
15.6760

■ 21.4170, 3.6200,
11.4920

■ 21.4170, 3.6200,
11.4920

■ 18.7700, 4.1240,
13.3720

■ 24.0640, 3.1160,
9.6120

■ 16.7100, 4.3530,
14.7290

■ 26.1240, 2.8870,
8.2550

■ 14.3620, 5.4530,
16.8210

■ 28.4720, 1.7870,
6.1630

■ 12.8890, 5.4070,
17.6550

■ 31.1190, 1.2830,
4.2830

■ 33.1790, 1.0540,
2.9260

■ 35.8260, 0.5500,
1.0460

■ 38.1740, -0.5500,
-1.0460

■ 40.8210, -1.0540,
-2.9260

■ 42.8810, -1.2830,
-4.2830

Harmonies

Analogous

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



20.0560, -11.6010, 6.5030



21.4170, 3.6200, 11.4920



19.8050, 14.2110, 12.2830

Triad

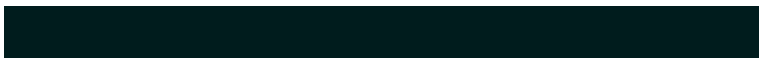
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.4170, 3.6200, 11.4920



19.8350, 13.5260, -2.8420



19.7420, -17.0090, -5.6250

Complementary

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



21.4170, 3.6200, 11.4920



28.5830, -3.6200, -11.4920

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.



18.1460, -12.5150, -9.9790



21.4170, 3.6200, 11.4920



18.8830, 4.4030, -8.2130

Square

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



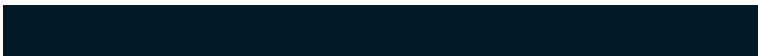
21.4170, 3.6200, 11.4920



19.5910, 20.2650, 1.6810



15.2620, -7.1500, -13.5980



20.4090, -20.2650, -1.6810

Rectangle

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



21.4170, 3.6200, 11.4920



19.6760, 18.8880, 10.1200



15.2620, -7.1500, -13.5980



19.2860, -15.7250, -6.8690

Sweetspot

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



21.4170, 3.6200, 11.4920



42.4180, 1.8790, 4.4950



18.6710, -9.0790, 4.8490



21.8800, 0.4580, 2.7140



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



21.4170, 3.6200, 11.4920



24.1880, 6.0030, 17.8670



22.1140, 8.8470, 10.3750



16.5270, -0.0460, 0.8340



28.7830, 12.4180, 39.2820



73.4600, 31.8470, 100.1910

Inverse Universe

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



20.7460, 12.6990, 6.6430



22.9750, 19.4840, 10.3320



27.8860, -8.8470, -10.3750



16.5980, 1.1920, 0.4240



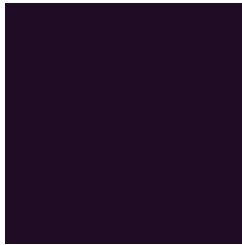
26.4560, 43.4150, 22.6710



67.3930, 110.7610, 57.6810

Previews

White Background



This preview shows how the YIQ color 21.4170, 3.6200, 11.4920 looks on a white background.

Color Contrast Check

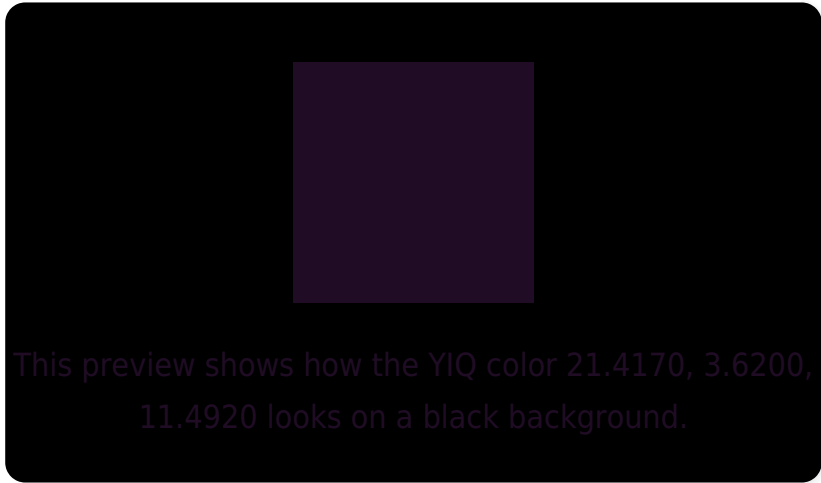
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4170, 3.6200, 11.4920

Background



This preview shows how black text looks on a background with the YIQ color 21.4170, 3.6200, 11.4920.



This preview shows how white text looks on a background with the YIQ color 21.4170, 3.6200,

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

21.4170, 3.6200, 11.4920

Protanopia

17.3430, -19.8990, 2.7010

Deuteranopia

20.7910, -9.5370, 2.1350



Tritanopia

21.8160, 6.5100, 3.1660

Trichromacy



Original Color

21.4170, 3.6200, 11.4920

Protanomaly

18.8280, -10.9590, 5.8810

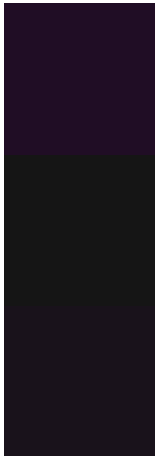
Deuteranomaly

21.2370, -4.8610, 5.4990

Tritanomaly

21.6250, 5.7300, 6.2900

Monochromacy



Original Color

21.4170, 3.6200, 11.4920

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

21.1190, 1.2830, 4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.4170, 3.6200, 11.4920 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(32, 13, 37)` looks like.

```
.text, #text, p{  
    color:rgb(32, 13, 37)  
}
```

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(32, 13, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 13, 37) }
```

Border

The CSS property to change the border of an element to YIQ 21.4170, 3.6200, 11.4920 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(32, 13, 37) }
```


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

```
.border{ border-color:rgb(32, 13, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 13, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 13, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 13, 37);  
box-shadow:4px 4px 4px 4px rgb(32, 13, 37)  
}
```

Background

The CSS property to change the background color of an element to YIQ 21.4170, 3.6200, 11.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 13, 37) }
```

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

```
.background{ background-color: rgb(32, 13,  
37) }
```

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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