

Converting Colors

YIQ(22.2080, 2.1100, -5.2020)

Have a look what the booklet for
YIQ(22.2080, 2.1100, -5.2020)
contains.

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Color

**YIQ(22.2080, 2.1100,
-5.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	15190B
RGB	21, 25, 11
RGB Percent	8%, 10%, 4%
CMY	0.9177, 0.9020, 0.9568
CMYK	0.16, 0.00, 0.56, 0.90
HSL	77°, 39%, 7%
HSV	77°, 56%, 10%
XYZ	0.7173, 0.8789, 0.4486
YIQ	22.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

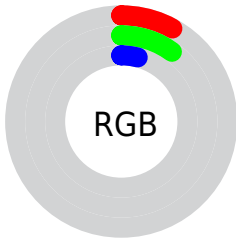
Format	Color
R_{YB}	11, 25, 15
Decimal	1382667
CIE _{Lab}	7.94, -4.84, 7.27
CIE _{LCh}	8, 8.733, 123.635
Yxy	0.8789, 0.3508, 0.4298
Android (android.graphics.Color)	4279572747 (0xFF15190B)
YUV	22.2080, -5.5255, -1.0594
Hunter-Lab	9.3749, -2.7492, 3.7253

Details

The YIQ color **22.2080, 2.1100, -5.2020** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **13.7920, -2.1100, 5.2020**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **65.0230, 1.1930, -5.1030**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.6810, 2.1560, -6.0360**, and if you desaturate by 10%, it is **22.8490, 1.7430, -4.0570**.

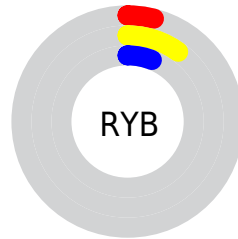
Distribution



Red (8%)

Green (10%)

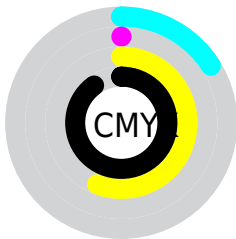
Blue (4%)



Red (4%)

Yellow (10%)

Blue (6%)

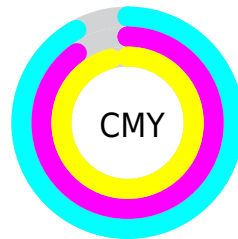


Cyan (16%)

Magenta (0%)

Yellow (56%)

Black (90%)



Cyan (92%)

Magenta (90%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 22.2080, 2.1100, -5.2020 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 22.2080, 2.1100, -5.2020 by changing the saturation by 10% instead.

■ 22.2080, 2.1100,
-5.2020

■ 22.2080, 2.1100,
-5.2020

■ 247.3820, 1.5600,
-6.2480

■ 0.0000, 0.0000,
0.0000

■ 65.0230, 1.1930,
-5.1030

■ 87.9090, 1.5140,
-5.4140

■ 112.7950, 1.8350,
-5.7250

■ 137.7950, 1.8350,
-5.7250

■ 164.3820, 1.5600,
-6.2480

■ 191.3820, 1.5600,

-6.2480

■ 219.3820, 1.5600,
-6.2480

■ 22.2080, 2.1100,
-5.2020

■ 22.2080, 2.1100,
-5.2020

■ 21.6810, 2.1560,
-6.0360

■ 22.8490, 1.7430,
-4.0570

■ 21.3390, 3.1190,
-6.9690

■ 23.0770, 1.1010,
-3.4350

■ 20.8120, 3.1650,
-7.8030

■ 23.7180, 0.7340,
-2.2900

■ 20.1710, 3.5320,
-8.9480

■ 24.2450, 0.6880,
-1.4560

■ 20.0570, 3.8530,
-9.2590

■ 24.8860, 0.3210,
-0.3110

■ 25.1140, -0.3210,
0.3110

■ 25.7550, -0.6880,
1.4560

■ 26.2820, -0.7340,
2.2900

■ 26.6240, -1.6970,
3.2230

Harmonies

Analogous

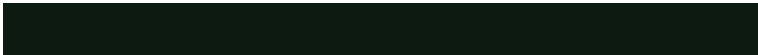
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.7850, 7.7950, -3.6050



22.2080, 2.1100, -5.2020



21.0870, -4.8590, -5.5550

Triad

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



22.2080, 2.1100, -5.2020



20.9430, -13.0210, -0.8050



24.2400, 8.2520, 4.6360

Complementary

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



22.2080, 2.1100, -5.2020



13.7920, -2.1100, 5.2020

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.



24.3150, 3.6670, 5.1310



22.2080, 2.1100, -5.2020



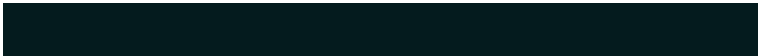
23.1610, -7.7030, 1.9370

Square

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



22.2080, 2.1100, -5.2020



20.4650, -14.6710, -3.9430



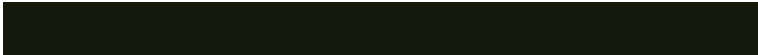
24.1510, -1.7430, 4.0570



24.0290, 10.2240, 1.9360

Rectangle

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



22.2080, 2.1100, -5.2020



20.4500, -10.3150, -5.7950



24.1510, -1.7430, 4.0570



24.1690, 7.0140, 5.0460

Sweetspot

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



22.2080, 2.1100, -5.2020



32.1310, 1.0090, -1.7670



17.5340, 7.2440, 0.8760



17.2450, 0.6880, -1.4560



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

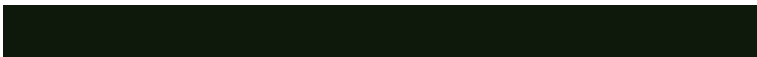
The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.2080, 2.1100, -5.2020



28.6980, 3.4860, -8.1140



20.1150, -2.0620, -6.6860



12.4730, 0.0460, -0.8340



61.6440, 11.6050, -28.6110



163.4020, 30.9160, -75.7400

Inverse Universe

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



13.7920, -2.1100, 5.2020



15.3020, -3.4860, 8.1140



15.8850, 2.0620, 6.6860



11.5270, -0.0460, 0.8340



15.3560, -11.6050, 28.6110



40.5980, -30.9160, 75.7400

Previews

White Background



This preview shows how the YIQ color 22.2080, 2.1100, -5.2020 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

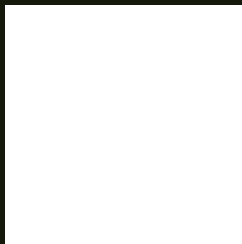
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 22.2080, 2.1100, -5.2020

Background



This preview shows how black text looks on a background with the YIQ color 22.2080, 2.1100, -5.2020.

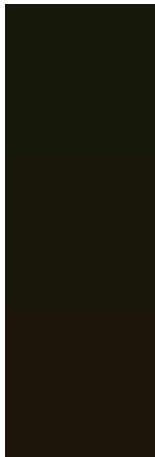


This preview shows how white text looks on a background with the YIQ color 22.2080, 2.1100,

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

22.2080, 2.1100, -5.2020

Protanopia

22.5290, 5.6400, -3.0960

Deuteranopia

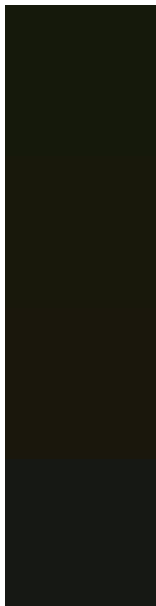
22.9530, 7.3820, -1.6260



Tritanopia

23.2280, -0.6420, 0.6220

Trichromacy



Original Color

22.2080, 2.1100, -5.2020

Protanomaly

22.5180, 4.1730, -4.0430

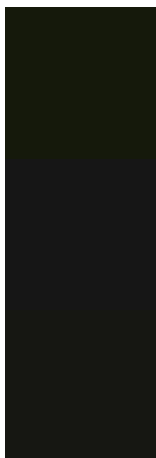
Deuteranomaly

22.6430, 5.3190, -2.7850

Tritanomaly

22.9460, 0.0920, -1.6680

Monochromacy



Original Color

22.2080, 2.1100, -5.2020

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

22.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 22.2080, 2.1100, -5.2020 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(21, 25, 11)` looks like.

```
.text, #text, p{  
    color:rgb(21, 25, 11)  
}
```

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(21, 25, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 25, 11) }
```

Border

The CSS property to change the border of an element to YIQ 22.2080, 2.1100, -5.2020 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(21, 25, 11) }
```


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

```
.border{ border-color:rgb(21, 25, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 25, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 25, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 25, 11);  
box-shadow:4px 4px 4px 4px rgb(21, 25, 11)  
}
```

Background

The CSS property to change the background color of an element to YIQ 22.2080, 2.1100, -5.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 25, 11) }
```

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

```
.background{ background-color: rgb(21, 25,  
11) }
```

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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