

Converting Colors

YUV(21.8090, 3.0522, 1.0445)

Have a look what the booklet for
YUV(21.8090, 3.0522, 1.0445)
contains.

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Color

**YUV(21.8090, 3.0522,
1.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	17141C
RGB	23, 20, 28
RGB Percent	9%, 8%, 11%
CMY	0.9098, 0.9216, 0.8902
CMYK	0.18, 0.29, 0.00, 0.89
HSL	262°, 17%, 9%
HSV	262°, 29%, 11%
XYZ	0.8131, 0.7663, 1.2037
YIQ	21.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

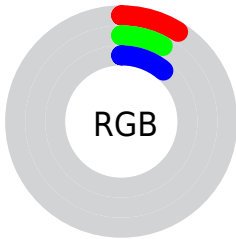
Format	Color
R_{YB}	23, 20, 28
Decimal	1512476
CIE Lab	6.92, 3.47, -5.03
CIE LCh	7, 6.114, 304.601
Yxy	0.7663, 0.2922, 0.2753
Android (android.graphics.Color)	4279702556 (0xFF17141C)
YUV	21.8090, 3.0522, 1.0445
Hunter-Lab	8.7539, 1.2606, -2.0246

Details

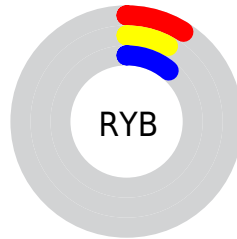
The YUV color **21.8090, 3.0522, 1.0445** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **26.1910, -3.0522, -1.0445**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.9230, 3.4890, 0.9445**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.4500, 4.2152, 1.3594**, and if you desaturate by 10%, it is **24.1680, 1.8892, 0.7297**.

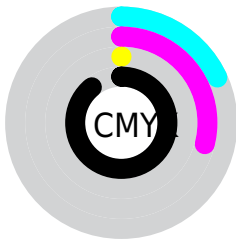
Distribution



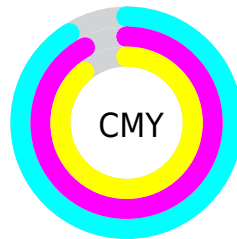
- Red (9%)
- Green (8%)
- Blue (11%)



- Red (9%)
- Yellow (8%)
- Blue (11%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)
- Black (89%)



- Cyan (91%)
- Magenta (92%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.8090, 3.0522, 1.0445 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 YUV color 21.8090, 3.0522, 1.0445 by changing the saturation by 10% instead.

■ 21.8090, 3.0522,
1.0445

■ 21.8090, 3.0522,
1.0445

■ 246.7490, 4.0677,
1.9741

■ 0.0000, 0.0000,
0.0000

■ 63.9230, 3.4890,
0.9445

■ 87.3360, 3.7784,
1.4593

■ 112.0370, 3.9258,
0.8446

■ 137.3360, 3.7784,
1.4593

■ 163.4500, 4.2152,
1.3594

■ 190.4500, 4.2151,

1.3593

■ 218.4500, 4.2152,
1.3594

■ 21.8090, 3.0522,
1.0445

■ 21.8090, 3.0522,
1.0445

■ 19.4500, 4.2152,
1.3594

■ 24.1680, 1.8892,
0.7297

■ 17.0910, 5.3781,
1.6742

■ 26.2280, 0.8736,
-0.2000

■ 15.6180, 6.1043,
2.0890

■ 28.0000, 0.0000,
0.0000

■ 13.2590, 7.2673,
2.4039

■ 30.3590, -1.1630,
-0.3148

■ 10.9000, 8.4303,
2.7187

■ 32.7180, -2.3260,
-0.6297

■ 8.5410, 9.5933,
3.0335

■ 35.0770, -3.4890,
-0.9445

■ 6.4810, 10.6089,
3.9632

■ 37.1370, -4.5045,
-1.8741

■ 38.9090, -5.3781,
-1.6742

■ 41.2680, -6.5411,
-1.9890

Harmonies

Analogous

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



20.7160, 4.0840, -3.2589



21.8090, 3.0522, 1.0445



22.0760, 1.4415, 4.3183

Triad

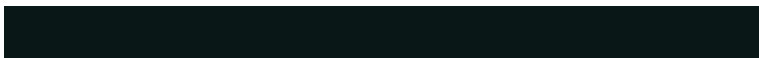
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.8090, 3.0522, 1.0445



21.4800, -4.6736, 5.7180



19.2870, 1.3375, -9.0217

Complementary

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



21.8090, 3.0522, 1.0445



26.1910, -3.0522, -1.0445

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.



20.2120, -1.5835, -5.4479



21.8090, 3.0522, 1.0445



20.6430, -5.2470, 2.9441

Square

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



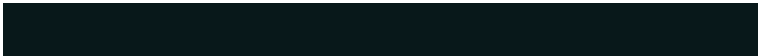
21.8090, 3.0522, 1.0445



21.9470, -2.9319, 7.0625



20.6640, -3.7784, -1.4593



19.4440, 3.2321, -10.0364

Rectangle

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



21.8090, 3.0522, 1.0445



21.7450, 0.1257, 6.3626



20.6640, -3.7784, -1.4593



19.3580, 0.3165, -8.2070

Sweetspot

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



21.8090, 3.0522, 1.0445



33.0540, 1.4524, 0.8296



23.8470, 2.0474, -3.3738



16.5270, 0.7262, 0.4148



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.



21.8090, 3.0522, 1.0445



26.5640, 4.6519, 1.2594



23.0050, 2.4625, 3.5036



11.5270, 0.7262, 0.4148



17.4490, 29.3586, 10.1302



46.2790, 77.7565, 26.9423

Inverse Universe

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



22.9620, 1.0047, 4.4183



28.3860, 1.2887, 6.6775



24.9950, -2.4625, -3.5036



11.7120, 0.1420, 1.1296



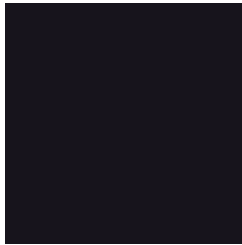
28.4950, 9.6160, 42.5389



75.5880, 25.8391, 112.6173

Previews

White Background



This preview shows how the YUV color 21.8090, 3.0522, 1.0445 looks on a white background.

Color Contrast Check

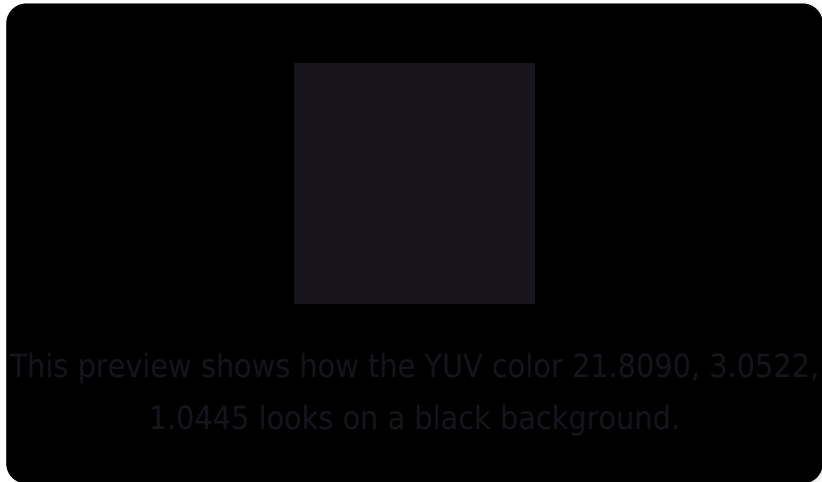
Large Text (above 18pt) WCAG AA ✓ Pass

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

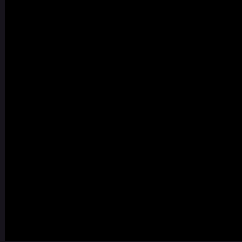
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.8090, 3.0522, 1.0445

Background



This preview shows how black text looks on a background with the YUV color 21.8090, 3.0522, 1.0445.



This preview shows how white text looks on a background with the YUV color 21.8090, 3.0522,

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

21.8090, 3.0522, 1.0445

Protanopia

21.3140, 3.7892, -2.0294

Deuteranopia

21.4990, 3.2050, -1.3146



Tritanopia

21.5270, 0.7262, 0.4148

Trichromacy



Original Color

21.8090, 3.0522, 1.0445

Protanomaly

21.6130, 3.6418, -1.4146

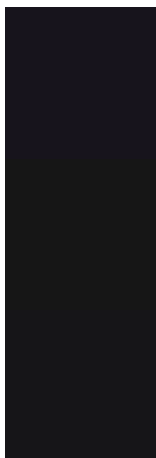
Deuteranomaly

21.7980, 3.0576, -0.6998

Tritanomaly

21.7550, 1.5998, 0.2149

Monochromacy



Original Color

21.8090, 3.0522, 1.0445

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.6410, 1.1630, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.8090, 3.0522, 1.0445 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(23, 20, 28)` looks like.

```
.text, #text, p{  
    color:rgb(23, 20, 28)  
}
```

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(23, 20, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 20, 28) }
```

Border

The CSS property to change the border of an element to YUV 21.8090, 3.0522, 1.0445 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(23, 20, 28) }
```


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

```
.border{ border-color:rgb(23, 20, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 20, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 20, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 20, 28);  
box-shadow:4px 4px 4px 4px rgb(23, 20, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.8090, 3.0522, 1.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 20, 28) }
```

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

```
.background{ background-color: rgb(23, 20,  
28) }
```

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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