

Converting Colors

YUV(20.7490, 4.0677, 1.9741)

Have a look what the booklet for
YUV(20.7490, 4.0677, 1.9741)
contains.

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Color

**YUV(20.7490, 4.0677,
1.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	17121D
RGB	23, 18, 29
RGB Percent	9%, 7%, 11%
CMY	0.9098, 0.9294, 0.8863
CMYK	0.21, 0.38, 0.00, 0.89
HSL	267°, 23%, 9%
HSV	267°, 38%, 11%
XYZ	0.7914, 0.7035, 1.2565
YIQ	20.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

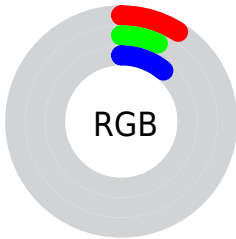
Format	Color
R_{YB}	23, 18, 29
Decimal	1511965
CIE Lab	6.35, 5.03, -6.65
CIE LCh	6, 8.341, 307.090
Yxy	0.7035, 0.2876, 0.2557
Android (android.graphics.Color)	4279702045 (0xFF17121D)
YUV	20.7490, 4.0677, 1.9741
Hunter-Lab	8.3874, 2.1653, -3.0108

Details

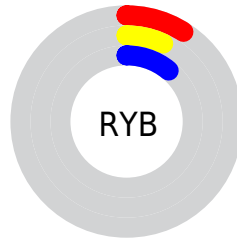
The YUV color **20.7490, 4.0677, 1.9741** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **26.2510, -4.0677, -1.9741**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.8630, 4.5045, 1.8741**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.3900, 5.2307, 2.2890**, and if you desaturate by 10%, it is **23.1080, 2.9048, 1.6593**.

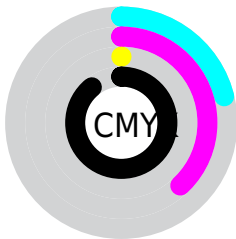
Distribution



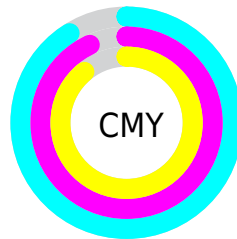
- Red (9%)
- Green (7%)
- Blue (11%)



- Red (9%)
- Yellow (7%)
- Blue (11%)



- Cyan (21%)
- Magenta (38%)
- Yellow (0%)
- Black (89%)



- Cyan (91%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.7490, 4.0677, 1.9741 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 20.7490, 4.0677, 1.9741 by changing the saturation by 10% instead.

■ 20.7490, 4.0677,
1.9741

■ 20.7490, 4.0677,
1.9741

■ 245.5750, 4.6465,
3.0037

■ 0.1140, 0.4368,
-0.1000

■ 62.8630, 4.5045,
1.8741

■ 0.0000, 0.0000,
0.0000

■ 86.2760, 4.7939,
2.3889

■ 110.9770, 4.9413,
1.7742

■ 136.3900, 5.2307,
2.2890

■ 162.3900, 5.2307,
2.2890

■ 189.5040, 5.6675,

2.1890

■ 216.9170, 5.9569,
2.7038

■ 20.7490, 4.0677,
1.9741

■ 20.7490, 4.0677,
1.9741

■ 18.3900, 5.2307,
2.2890

■ 23.1080, 2.9048,
1.6593

■ 16.3300, 6.2463,
3.2186

■ 25.1680, 1.8892,
0.7297

■ 13.9710, 7.4093,
3.5334

■ 27.5270, 0.7262,
0.4148

■ 11.9110, 8.4249,
4.4631

■ 29.5870, -0.2894,
-0.5148

■ 10.1390, 9.2985,
4.2631

■ 31.9460, -1.4524,
-0.8296

■ 8.0790, 10.3141,
5.1927

■ 33.4190, -2.1786,
-1.2445

■ 7.1930, 10.7509,
5.0927

■ 35.7780, -3.3416,
-1.5593

■ 38.1370, -4.5045,
-1.8741

■ 40.1970, -5.5201,
-2.8038

Harmonies

Analogous

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



19.7590, 5.5418, -4.1736



20.7490, 4.0677, 1.9741



20.9130, 2.0149, 7.0923

Triad

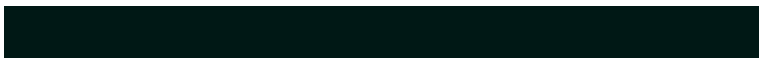
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.7490, 4.0677, 1.9741



19.8070, -7.2999, 8.0623



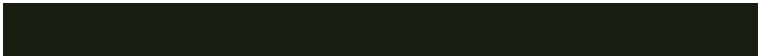
16.4820, 2.2274, -14.4547

Complementary

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



20.7490, 4.0677, 1.9741



26.2510, -4.0677, -1.9741

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.



17.1900, -1.5727, -8.9366



20.7490, 4.0677, 1.9741



19.2580, -8.0152, 4.1587

Square

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



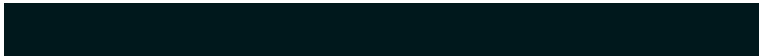
20.7490, 4.0677, 1.9741



19.9150, -4.3951, 9.7215



18.4960, -5.6675, -2.1890



16.5790, 5.1376, -14.5398

Rectangle

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



20.7490, 4.0677, 1.9741



21.0550, -0.0271, 8.7218



18.4960, -5.6675, -2.1890



16.8520, 1.0590, -13.0252

Sweetspot

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



20.7490, 4.0677, 1.9741



35.0540, 1.4524, 0.8296



22.7760, 3.0684, -4.1886



18.5270, 0.7262, 0.4148



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



20.7490, 4.0677, 1.9741



25.3300, 6.2463, 3.2186



22.2440, 3.3307, 5.0480



14.1140, 0.4368, -0.1000



19.7700, 29.2004, 14.2337



51.7040, 76.5609, 37.0936

Inverse Universe

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



21.9730, 0.9993, 6.1627



27.1090, 1.4253, 9.5514



24.7560, -3.3307, -5.0480



14.4130, 0.2894, 0.5148



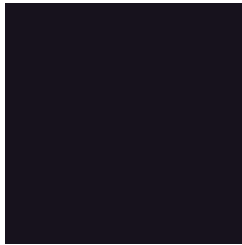
28.5230, 7.1372, 44.2683



74.7750, 18.8449, 115.9613

Previews

White Background



This preview shows how the YUV color 20.7490, 4.0677, 1.9741 looks on a white background.

Color Contrast Check

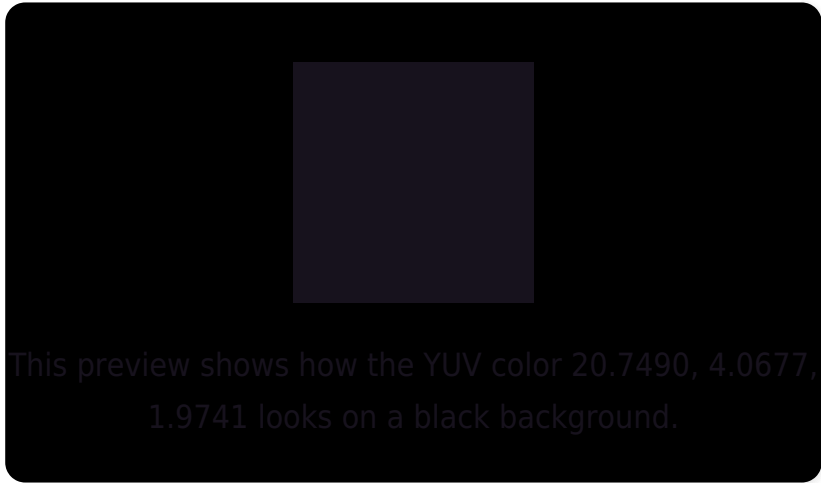
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7490, 4.0677, 1.9741

Background



This preview shows how black text looks on a background with the YUV color 20.7490, 4.0677, 1.9741.



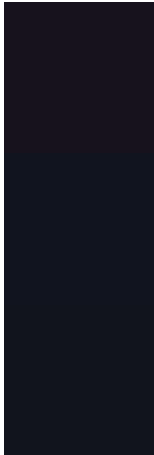
This preview shows how white text looks on a background with the YUV color 20.7490, 4.0677,

1.9741.

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

20.7490, 4.0677, 1.9741

Protanopia

20.3570, 5.2470, -2.9441

Deuteranopia

20.1290, 4.3734, -2.7441



Tritanopia

20.7120, 0.1420, 1.1296

Trichromacy



Original Color

20.7490, 4.0677, 1.9741

Protanomaly

20.2540, 4.8048, -1.0998

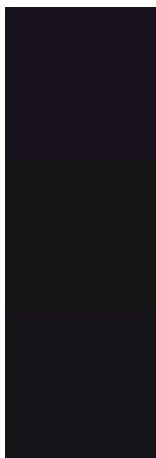
Deuteranomaly

20.1400, 4.3680, -0.9998

Tritanomaly

20.4670, 1.7418, 1.3444

Monochromacy



Original Color

20.7490, 4.0677, 1.9741

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.7490, 4.0677, 1.9741 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, 18, 29)` looks like.

```
.text, #text, p{  
    color:rgb(23, 18, 29)  
}
```

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, 18, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 18, 29) }
```

Border

The CSS property to change the border of an element to YUV 20.7490, 4.0677, 1.9741 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, 18, 29) }
```


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

```
.border{ border-color:rgb(23, 18, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 18, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 18, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 18, 29);  
box-shadow:4px 4px 4px 4px rgb(23, 18, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.7490, 4.0677, 1.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 18, 29) }
```

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

```
.background{ background-color: rgb(23, 18,  
29) }
```

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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