

Converting Colors

YUV(20.9940, 2.4680, 1.7593)

Have a look what the booklet for
YUV(20.9940, 2.4680, 1.7593)
contains.

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Color

**YUV(20.9940, 2.4680,
1.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	17131A
RGB	23, 19, 26
RGB Percent	9%, 7%, 10%
CMY	0.9098, 0.9255, 0.8980
CMYK	0.12, 0.27, 0.00, 0.90
HSL	274°, 16%, 9%
HSV	274°, 27%, 10%
XYZ	0.7727, 0.7225, 1.0760
YIQ	20.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

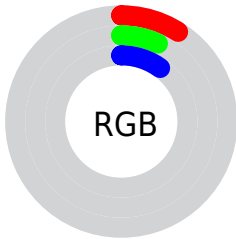
Format	Color
RYB	23, 19, 26
Decimal	1512218
CIELab	6.53, 3.52, -4.08
CIELCh	7, 5.390, 310.796
Yxy	0.7225, 0.3005, 0.2810
Android (android.graphics.Color)	4279702298 (0xFF17131A)
YUV	20.9940, 2.4680, 1.7593
Hunter-Lab	8.4999, 1.3515, -1.5556

Details

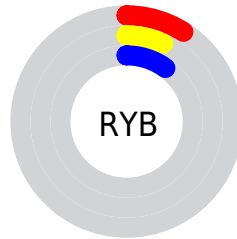
The YUV color **20.9940, 2.4680, 1.7593** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.0060, -2.4680, -1.7593**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.1080, 2.9048, 1.6593**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.9340, 3.4835, 2.6889**, and if you desaturate by 10%, it is **23.0540, 1.4524, 0.8296**.

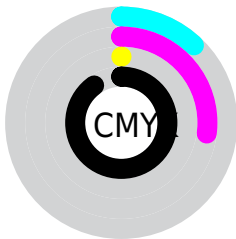
Distribution



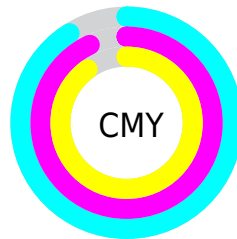
- Red (9%)
- Green (7%)
- Blue (10%)



- Red (9%)
- Yellow (7%)
- Blue (10%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (90%)



- Cyan (91%)
- Magenta (93%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.9940, 2.4680, 1.7593 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 20.9940, 2.4680, 1.7593 by changing the saturation by 10% instead.

■ 20.9940, 2.4680,
1.7593

■ 20.9940, 2.4680,
1.7593

■ 245.6350, 3.6309,
2.0741

■ 0.0000, 0.0000,
0.0000

■ 63.1080, 2.9048,
1.6593

■ 86.4070, 2.7573,
2.2741

■ 111.1080, 2.9048,
1.6593

■ 136.5210, 3.1941,
2.1741

■ 162.5210, 3.1941,
2.1741

■ 189.5210, 3.1941,

2.1741

■ 217.5210, 3.1941,
2.1741

■ 20.9940, 2.4680,
1.7593

■ 20.9940, 2.4680,
1.7593

■ 18.9340, 3.4835,
2.6889

■ 23.0540, 1.4524,
0.8296

■ 17.4610, 4.2097,
3.1037

■ 24.5270, 0.7262,
0.4148

■ 15.4010, 5.2253,
4.0333

■ 26.5870, -0.2894,
-0.5148

■ 13.9280, 5.9515,
4.4481

■ 28.0600, -1.0156,
-0.9296

■ 11.5690, 7.1145,
4.7630

■ 30.4190, -2.1786,
-1.2445

■ 9.5090, 8.1301,
5.6926

■ 32.4790, -3.1941,
-2.1741

■ 8.0360, 8.8563,
6.1074

■ 33.9520, -3.9203,
-2.5889

■ 7.4490, 9.1456,
6.6222

■ 36.0120, -4.9359,
-3.5185

■ 37.4850, -5.6621,
-3.9333

Harmonies

Analogous

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



20.3140, 3.7892, -2.0294



20.9940, 2.4680, 1.7593



20.9620, 1.0047, 4.4183

Triad

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



20.9940, 2.4680, 1.7593



20.1810, -4.5262, 5.1033



18.7000, 1.6269, -8.5069

Complementary

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



20.9940, 2.4680, 1.7593



24.0060, -2.4680, -1.7593

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.



19.1410, -0.5625, -6.2627



20.9940, 2.4680, 1.7593



20.1590, -4.5154, 1.6146

Square

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



20.9940, 2.4680, 1.7593



20.6480, -2.7845, 6.4477



19.7780, -3.3416, -1.5593



19.0420, 2.9373, -8.8068

Rectangle

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



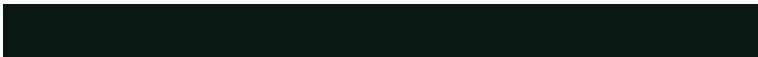
20.9940, 2.4680, 1.7593



21.2180, -0.6005, 5.9478



19.7780, -3.3416, -1.5593



18.7710, 0.6059, -7.6922

Sweetspot

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



20.9940, 2.4680, 1.7593



30.9400, 1.0156, 0.9296



21.5590, 2.1894, -2.2442



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.



20.9940, 2.4680, 1.7593



25.9340, 3.4835, 2.6889



21.8910, 2.0257, 3.6036



11.5270, 0.7262, 0.4148



21.9340, 27.1475, 19.3519



58.2390, 71.8602, 51.5334

Inverse Universe

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



21.4350, 0.2785, 4.0035



26.4460, 0.2731, 5.7479



23.1090, -2.0257, -3.6036



11.7120, 0.1420, 1.1296



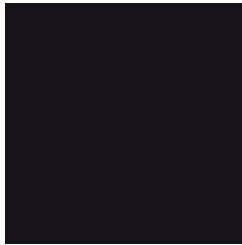
26.7850, 3.0640, 44.0386



70.9140, 7.9304, 116.7164

Previews

White Background



This preview shows how the YUV color 20.9940, 2.4680, 1.7593 looks on a white background.

Color Contrast Check

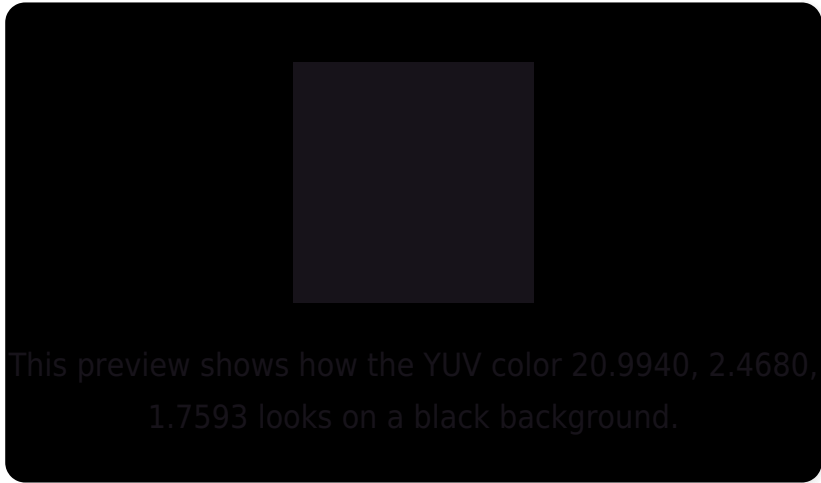
Large Text (above 18pt) WCAG AA ✓ Pass

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

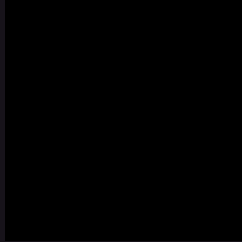
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.9940, 2.4680, 1.7593

Background



This preview shows how black text looks on a background with the YUV color 20.9940, 2.4680, 1.7593.



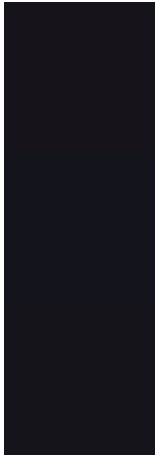
This preview shows how white text looks on a background with the YUV color 20.9940, 2.4680,

1.7593.

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

20.9940, 2.4680, 1.7593

Protanopia

20.4990, 3.2050, -1.3146

Deuteranopia

20.6840, 2.6208, -0.5999



Tritanopia

20.7120, 0.1420, 1.1296

Trichromacy



Original Color

20.9940, 2.4680, 1.7593

Protanomaly

20.7980, 3.0576, -0.6998

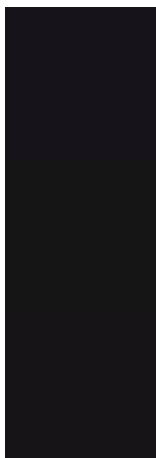
Deuteranomaly

20.9830, 2.4734, 0.0149

Tritanomaly

20.9400, 1.0156, 0.9296

Monochromacy



Original Color

20.9940, 2.4680, 1.7593

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.9940, 2.4680, 1.7593 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, 19, 26)` looks like.

```
.text, #text, p{  
    color:rgb(23, 19, 26)  
}
```

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, 19, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 19, 26) }
```

Border

The CSS property to change the border of an element to YUV 20.9940, 2.4680, 1.7593 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, 19, 26) }
```


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

```
.border{ border-color:rgb(23, 19, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 19, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 19, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 19, 26);  
box-shadow:4px 4px 4px 4px rgb(23, 19, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.9940, 2.4680, 1.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 19, 26) }
```

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

```
.background{ background-color: rgb(23, 19,  
26) }
```

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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