

Converting Colors

YUV(20.9460, -1.4524, -0.8296)

Have a look what the booklet for
YUV(20.9460, -1.4524, -0.8296)
contains.

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Color

**YUV(20.9460, -1.4524,
-0.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	141612
RGB	20, 22, 18
RGB Percent	8%, 9%, 7%
CMY	0.9216, 0.9137, 0.9294
CMYK	0.09, 0.00, 0.18, 0.91
HSL	90°, 10%, 8%
HSV	90°, 18%, 9%
XYZ	0.6846, 0.7662, 0.6841
YIQ	20.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

Format	Color
RYB	18, 22, 20
Decimal	1316370
CIELab	6.92, -1.79, 2.15
CIELCh	7, 2.796, 129.791
Yxy	0.7662, 0.3207, 0.3589
Android (android.graphics.Color)	4279506450 (0xFF141612)
YUV	20.9460, -1.4524, -0.8296
Hunter-Lab	8.7534, -1.3583, 1.4938

Details

The YUV color **20.9460, -1.4524, -0.8296** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **19.0540, 1.4524, 0.8296**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.9460, -1.4524, -0.8296**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.4190, -2.1786, -1.2445**, and if you desaturate by 10%, it is **21.4730, -0.7262, -0.4148**.

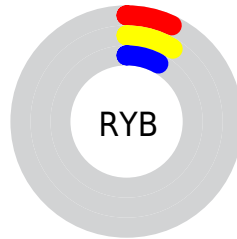
Distribution



Red (8%)

Green (9%)

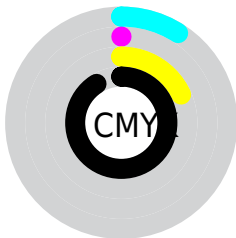
Blue (7%)



Red (7%)

Yellow (9%)

Blue (8%)

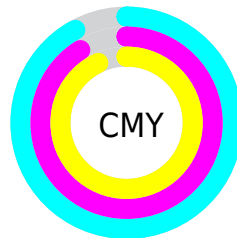


Cyan (9%)

Magenta (0%)

Yellow (18%)

Black (91%)



Cyan (92%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.9460, -1.4524, -0.8296 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 20.9460, -1.4524, -0.8296 by changing the saturation by 10% instead.

■ 20.9460, -1.4524,
-0.8296

■ 20.9460, -1.4524,
-0.8296

■ 245.5330, -1.7418,
-1.3444

■ 0.0000, 0.0000,
0.0000

■ 62.9460, -1.4524,
-0.8296

■ 86.5330, -1.7418,
-1.3444

■ 110.9460, -1.4524,
-0.8296

■ 135.9460, -1.4524,
-0.8296

■ 162.5330, -1.7418,
-1.3444

■ 189.5330, -1.7418,

-1.3444

■ 217.5330, -1.7418,
-1.3444

■ 20.9460, -1.4524,
-0.8296

■ 20.9460, -1.4524,
-0.8296

■ 20.4190, -2.1786,
-1.2445

■ 21.4730, -0.7262,
-0.4148

■ 19.8920, -2.9048,
-1.6593

■ 22.0000, 0.0000,
0.0000

■ 19.2510, -4.0677,
-1.9741

■ 22.6410, 1.1630,
0.3148

■ 18.7240, -4.7939,
-2.3889

■ 23.1680, 1.8892,
0.7297

■ 18.1970, -5.5201,
-2.8038

■ 23.9940, 2.4680,
1.7593

■ 17.3710, -6.0989,
-3.8334

■ 24.5210, 3.1941,
2.1741

■ 16.8440, -6.8251,
-4.2482

■ 25.0480, 3.9203,
2.5889

■ 16.2030, -7.9881,
-4.5630

■ 25.6890, 5.0833,
2.9037

■ 26.2160, 5.8095,
3.3186

Harmonies

Analogous

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



20.8430, -1.8946, 1.0147



20.9460, -1.4524, -0.8296



20.5760, -0.2840, -2.2592

Triad

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



20.9460, -1.4524, -0.8296



21.1460, 1.9000, -2.7590



21.6090, -0.3002, 2.9739

Complementary

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



20.9460, -1.4524, -0.8296



19.0540, 1.4524, 0.8296

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.



21.5380, 0.7208, 2.1592



20.9460, -1.4524, -0.8296



21.1570, 1.8946, -1.0147

Square

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



20.9460, -1.4524, -0.8296



20.4340, 1.7580, -3.8886



21.9400, 1.0156, 0.9296



21.3810, -1.1738, 3.1739

Rectangle

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



20.9460, -1.4524, -0.8296



20.9780, 0.0108, -3.4887



21.9400, 1.0156, 0.9296



21.6090, -0.3002, 2.9739

Sweetspot

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



20.9460, -1.4524, -0.8296



27.5870, -0.2894, -0.5148



20.3700, -1.1684, 1.4295



14.8860, -0.4368, 0.1000



143.0000, 0.0000, 0.0000



15.0000, 0.0000, 0.0000

Same Dimension

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



20.9460, -1.4524, -0.8296



26.4190, -2.1786, -1.2445



20.3480, -1.1576, -2.0592



9.8860, -0.4368, 0.1000



54.5010, -26.8690, -15.3484



148.1860, -73.0557, -41.3821

Inverse Universe

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



19.0540, 1.4524, 0.8296



23.5810, 2.1786, 1.2445



19.6520, 1.1576, 2.0592



9.4130, 0.2894, 0.5148



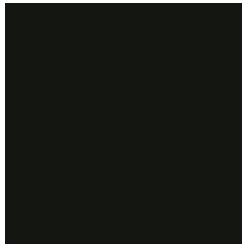
19.4990, 26.8690, 15.3484



53.1130, 72.9083, 41.9969

Previews

White Background



This preview shows how the YUV color 20.9460, -1.4524, -0.8296 looks on a white background.

Color Contrast Check

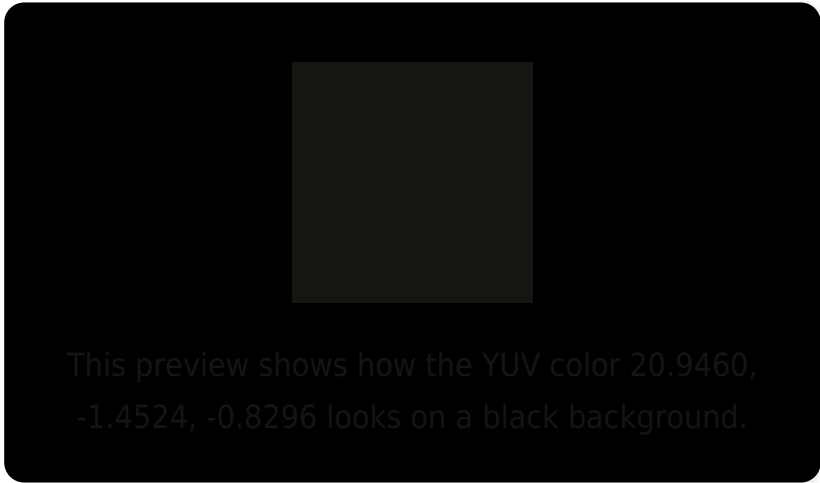
Large Text (above 18pt) WCAG AA ✓ Pass

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

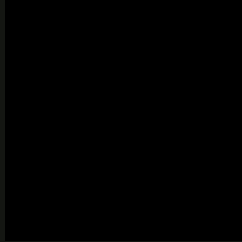
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

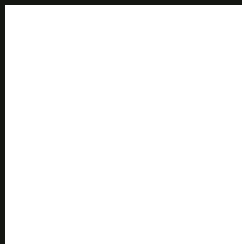
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 20.9460, -1.4524, -0.8296

Background



This preview shows how black text looks on a background with the YUV color 20.9460, -1.4524, -0.8296.



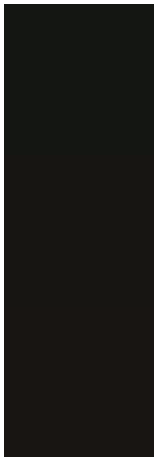
This preview shows how white text looks on a background with the YUV color 20.9460, -1.4524, -0.8296.

-0.8296.

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

20.9460, -1.4524, -0.8296

Protanopia

21.2560, -1.6052, 1.5295

Deuteranopia

21.5550, -1.7526, 2.1443



Tritanopia

21.2280, 0.8736, -0.2000

Trichromacy



Original Color

20.9460, -1.4524, -0.8296

Protanomaly

20.9570, -1.4578, 0.9147

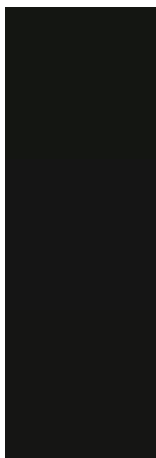
Deuteranomaly

21.2560, -1.6052, 1.5295

Tritanomaly

21.0000, 0.0000, 0.0000

Monochromacy



Original Color

20.9460, -1.4524, -0.8296

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.9460, -1.4524, -0.8296 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(20, 22, 18)` looks like.

```
.text, #text, p{  
    color:rgb(20, 22, 18)  
}
```

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(20, 22, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 22, 18) }
```

Border

The CSS property to change the border of an element to YUV 20.9460, -1.4524, -0.8296 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(20, 22, 18) }
```


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

```
.border{ border-color:rgb(20, 22, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 22, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 22, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 22, 18);  
box-shadow:4px 4px 4px 4px rgb(20, 22, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.9460, -1.4524, -0.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 22, 18) }
```

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

```
.background{ background-color: rgb(20, 22,  
18) }
```

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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