

Converting Colors

YUV(20.4660, 6.6723, 6.6073)

Have a look what the booklet for
YUV(20.4660, 6.6723, 6.6073)
contains.

| | |
|------------------------------------------------|----|
| YUV(20.4660, 6.6723, 6.6073) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(20.4660, 6.6723,
6.6073)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 1C0E22 |
| RGB | 28, 14, 34 |
| RGB Percent | 11%, 5%, 13% |
| CMY | 0.8902, 0.9451, 0.8667 |
| CMYK | 0.18, 0.59, 0.00, 0.87 |
| HSL | 282°, 42%, 9% |
| HSV | 282°, 59%, 13% |
| XYZ | 0.9247, 0.6764, 1.5952 |
| YIQ | 20.4660, 1.9240, 9.1880 |

Conversions

Conversions Part 2

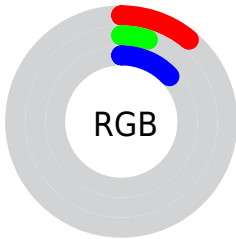
| Format | Color |
|-------------------------------------|----------------------------|
| R_YB | 28, 14, 34 |
| Decimal | 1838626 |
| CIE Lab | 6.11, 11.43, -10.82 |
| CIE LCh | 6, 15.741, 316.590 |
| Yxy | 0.6764, 0.2893, 0.2116 |
| Android (android.graphics.Color) | 4280028706 (0xFF1C0E22) |
| YUV | 20.4660, 6.6723, 6.6073 |
| Hunter-Lab | 8.2246, 5.6749, -5.7423 |

Details

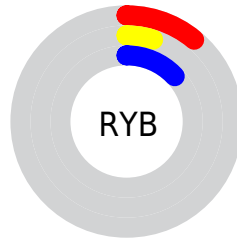
The YUV color **20.4660, 6.6723, 6.6073** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **27.5340, -6.6723, -6.6073**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.2920, 7.2510, 7.6369**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.4060, 7.6878, 7.5369**, and if you desaturate by 10%, it is **22.5260, 5.6567, 5.6777**.

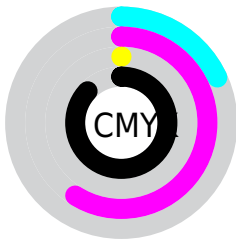
Distribution



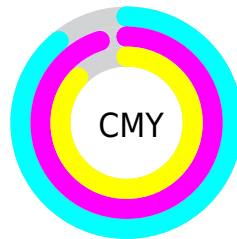
- Red (11%)
- Green (5%)
- Blue (13%)



- Red (11%)
- Yellow (5%)
- Blue (13%)



- Cyan (18%)
- Magenta (59%)
- Yellow (0%)
- Black (87%)



- Cyan (89%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.4660, 6.6723, 6.6073 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 20.4660, 6.6723, 6.6073 by changing the saturation by 10% instead.

■ 20.4660, 6.6723,
6.6073

■ 20.4660, 6.6723,
6.6073

■ 244.4340, 5.2090,
9.2664

■ 1.1400, 4.3680,
-0.9998

■ 63.2920, 7.2510,
7.6369

■ 0.0000, 0.0000,
0.0000

■ 86.4060, 7.6878,
7.5369


■ 110.8190, 7.9772,
8.0517


■ 136.8190, 7.9772,
8.0517


■ 163.2320, 8.2666,
8.5665


■ 189.7590, 8.9928,


8.9814


 217.7590, 8.9928,
8.9814


 20.4660, 6.6723,
6.6073


 20.4660, 6.6723,
6.6073


 18.4060, 7.6878,
7.5369


 22.5260, 5.6567,
5.6777


 15.7590, 8.9928,
8.9814

 25.1730, 4.3517,
4.2333

 13.6990, 10.0084,
9.9110

 27.2330, 3.3361,
3.3037

 11.0520, 11.3134,
11.3554

 29.8800, 2.0312,
1.8592

 31.9400, 1.0156,
0.9296

■ 34.0000, 0.0000,
0.0000

■ 36.6470, -1.3050,
-1.4444

■ 38.7070, -2.3206,
-2.3740

■ 41.3540, -3.6255,
-3.8185

Harmonies

Analogous

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



18.6000, 10.0572, -5.7882



20.4660, 6.6723, 6.6073



19.4840, 2.7194, 14.4845

Triad

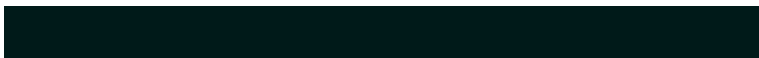
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.4660, 6.6723, 6.6073



18.9490, -9.3419, 9.6917



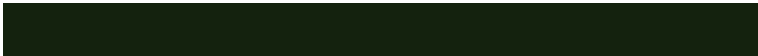
18.1120, 3.3958, -15.8842

Complementary

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



20.4660, 6.6723, 6.6073



27.5340, -6.6723, -6.6073

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.



16.7440, -1.8458, -14.6845



20.4660, 6.6723, 6.6073



18.3070, -9.0254, 1.4848

Square

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



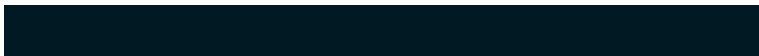
20.4660, 6.6723, 6.6073



18.9930, -9.3635, 16.6691



15.5830, -7.6824, -9.2813



18.5510, 7.6164, -16.2692

Rectangle

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



20.4660, 6.6723, 6.6073



18.8820, -0.9278, 17.6435



15.5830, -7.6824, -9.2813



17.7700, 2.0854, -15.5843

Sweetspot

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



20.4660, 6.6723, 6.6073



38.2930, 2.3206, 2.3740



19.8020, 6.9996, -5.0884



19.4670, 1.7418, 1.3444



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



20.4660, 6.6723, 6.6073



22.6990, 10.0084, 9.9110



21.8040, 4.0406, 10.6959



16.5270, 0.7262, 0.4148



26.3910, 27.4152, 26.8441



67.4800, 69.7694, 68.8620

Inverse Universe

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



20.6640, -0.3274, 11.6957



22.9960, -0.4910, 17.5435



26.1960, -4.0406, -10.6959



16.7120, 0.1420, 1.1296



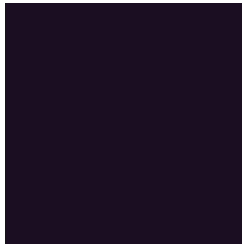
27.2540, -1.6042, 48.0122



69.6730, -3.2898, 122.1898

Previews

White Background



This preview shows how the YUV color 20.4660, 6.6723, 6.6073 looks on a white background.

Color Contrast Check

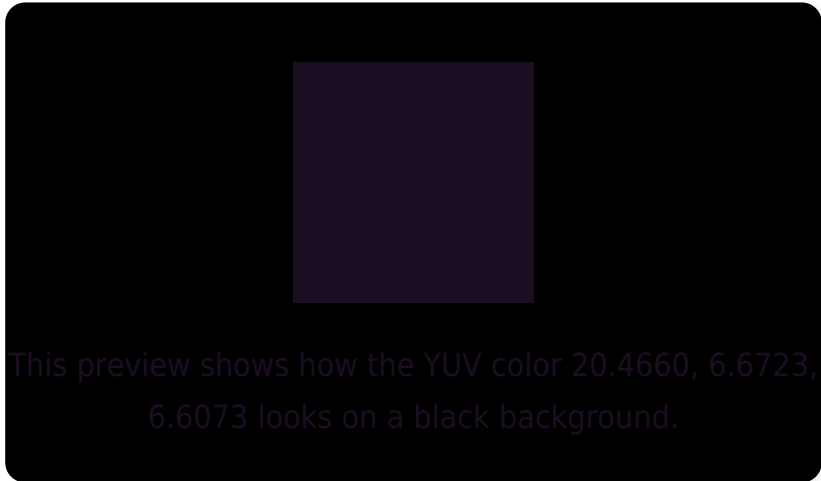
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4660, 6.6723, 6.6073

Background



This preview shows how black text looks on a background with the YUV color 20.4660, 6.6723, 6.6073.



This preview shows how white text looks on a background with the YUV color 20.4660, 6.6723,

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

20.4660, 6.6723, 6.6073

Protanopia

18.5780, 10.0680, -9.2769

Deuteranopia

19.0900, 6.8576, -6.2179



Tritanopia

20.5060, -0.7425, 4.8182

Trichromacy



Original Color

20.4660, 6.6723, 6.6073

Protanomaly

19.2690, 8.7414, -3.7439

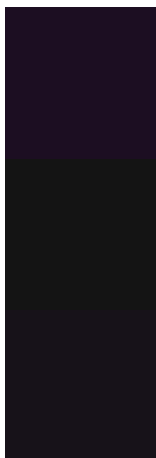
Deuteranomaly

19.7100, 6.5520, -1.4997

Tritanomaly

20.7880, 1.5835, 5.4479

Monochromacy



Original Color

20.4660, 6.6723, 6.6073

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.2930, 2.3206, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.4660, 6.6723, 6.6073 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(28, 14, 34)` looks like.

```
.text, #text, p{  
    color:rgb(28, 14, 34)  
}
```

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(28, 14, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 14, 34) }
```

Border

The CSS property to change the border of an element to YUV 20.4660, 6.6723, 6.6073 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(28, 14, 34) }
```


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

```
.border{ border-color:rgb(28, 14, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 14, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 14, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 14, 34);  
box-shadow:4px 4px 4px 4px rgb(28, 14, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.4660, 6.6723, 6.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 14, 34) }
```

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

```
.background{ background-color: rgb(28, 14,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor