

Converting Colors

YUV(64.4280, -9.0850, 20.6726)

Have a look what the booklet for
YUV(64.4280, -9.0850, 20.6726)
contains.

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Color

**YUV(64.4280, -9.0850,
20.6726)**

Conversions

Conversions Part 1

Format	Color
Hex	58382E
RGB	88, 56, 46
RGB Percent	35%, 22%, 18%
CMY	0.6549, 0.7804, 0.8196
CMYK	0.00, 0.36, 0.48, 0.65
HSL	14°, 31%, 26%
HSV	14°, 48%, 35%
XYZ	5.9318, 5.1003, 3.2566
YIQ	64.4280, 22.2820, 3.6740

Conversions

Conversions Part 2

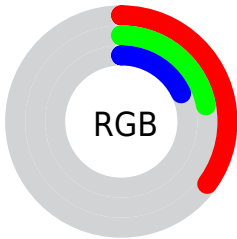
Format	Color
RYB	88, 59, 46
Decimal	5781550
CIELab	27.02, 12.90, 12.09
CIElCh	27, 17.682, 43.131
Yxy	5.1003, 0.4151, 0.3569
Android (android.graphics.Color)	4283971630 (0xFF58382E)
YUV	64.4280, -9.0850, 20.6726
Hunter-Lab	22.5839, 7.3626, 7.2591

Details

The YUV color **64.4280, -9.0850, 20.6726** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.5720, 9.0850, -20.6726**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5100, -10.1114, 23.2317**, and **20.1890, -9.9532, 19.1282** is the 20% darker color. If you saturate the color by 10%, you get **59.2930, -10.9904, 25.1760**, and if you desaturate by 10%, it is **69.5630, -7.1796, 16.1692**.

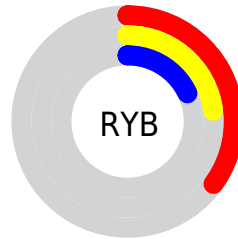
Distribution



Red (35%)

Green (22%)

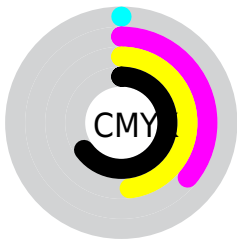
Blue (18%)



Red (35%)

Yellow (23%)

Blue (18%)

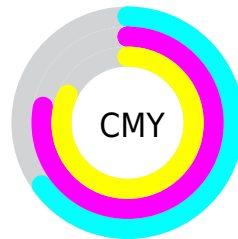


Cyan (0%)

Magenta (36%)

Yellow (48%)

Black (65%)



Cyan (65%)

Magenta (78%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4280, -9.0850, 20.6726 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 64.4280, -9.0850, 20.6726 by changing the saturation by 10% instead.

■ 64.4280, -9.0850,
20.6726

■ 64.4280, -9.0850,
20.6726

■ 255.0000, 0.0000,
0.0000

■ 41.9440, -8.3534,
19.3431

■ 112.5100,
-10.1114, 23.2317

■ 20.1890, -9.9532,
19.1282

■ 137.9940,
-10.8430, 24.5613

■ 0.0000, 0.0000,
0.0000

■ 164.5920,
-11.1379, 25.7908

■ 191.7770,
-11.7221, 26.5056

■ 220.0760,
-11.8695, 27.1203

■ 240.9000, -8.3317,

12.3657

254.6580, -1.3104,
0.2999

■ 64.4280, -9.0850,
20.6726

■ 64.4280, -9.0850,
20.6726

■ 59.2930, -10.9904,
25.1760

■ 69.5630, -7.1796,
16.1692

■ 54.7450, -13.1853,
29.1646

■ 74.1110, -4.9847,
12.1807

■ 49.7240, -14.6539,
33.5681

■ 79.1320, -3.5161,
7.7772

■ 44.5890, -16.5594,
38.0714

■ 84.2670, -1.6106,
3.2738

■ 39.4540, -18.4648,
42.5748

■ 89.4020, 0.2948,
-1.2296

■ 38.6390, -19.0490,
43.2896

■ 93.9500, 2.4897,
-5.2181

■ 99.0850, 4.3951,
-9.7215

■ 104.1060, 5.8637,
-14.1250

■ 108.6540, 8.0586,
-18.1136

Harmonies

Analogous

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



65.2200, -3.5595, 21.7321



64.4280, -9.0850, 20.6726



63.4720, -12.5577, 14.4951

Triad

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



64.4280, -9.0850, 20.6726



58.5260, -1.2453, -20.6323



63.3870, 13.1202, -8.2324

Complementary

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



64.4280, -9.0850, 20.6726



69.5720, 9.0850, -20.6726

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.



59.0430, 14.7688, -23.7167



64.4280, -9.0850, 20.6726



55.2240, 6.7916, -31.7684

Square

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



64.4280, -9.0850, 20.6726



60.4800, -8.1246, -7.4370



54.6240, 13.4964, -35.6272



65.4490, 9.1456, 6.6222

Rectangle

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



64.4280, -9.0850, 20.6726



62.7270, -12.6834, 8.1324



54.6240, 13.4964, -35.6272



62.5820, 14.0101, -13.6654

Sweetspot

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



64.4280, -9.0850, 20.6726



106.1320, -3.5161, 7.7772



62.2060, 7.7864, 22.6213



53.1640, -2.0529, 5.1182



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



64.4280, -9.0850, 20.6726



78.1260, -14.3591, 32.3385



76.7550, -15.1622, 9.8619



40.7830, -0.8790, 1.9443



47.2550, -23.2967, 52.3964



103.1370, -50.8465, 115.6439

Inverse Universe

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



69.5720, 9.0850, -20.6726



85.8740, 14.3591, -32.3385



57.2450, 15.1622, -9.8619



41.2170, 0.8790, -1.9443



60.3320, 23.0073, -52.9112



131.8630, 50.8465, -115.6439

Previews

White Background



This preview shows how the YUV color 64.4280, -9.0850, 20.6726 looks on a white background.

Color Contrast Check

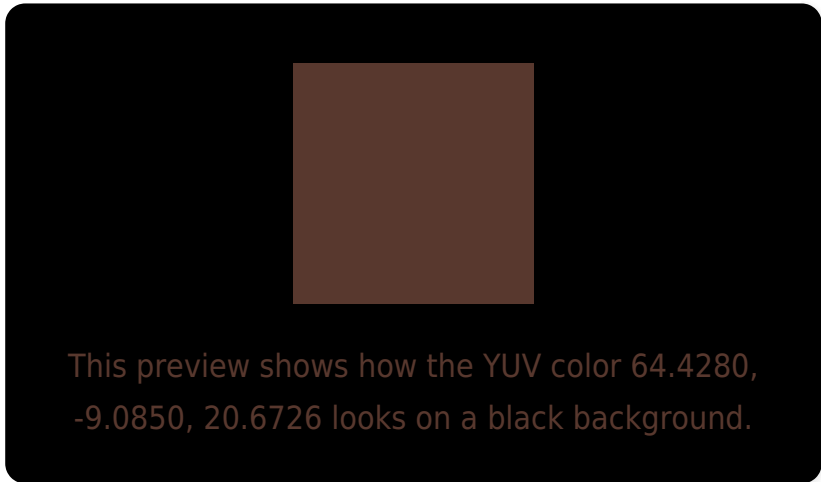
Large Text (above 18pt) WCAG AA ✓ Pass

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

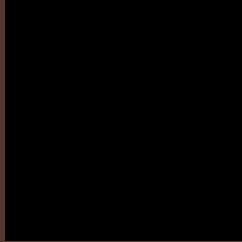
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4280, -9.0850, 20.6726

Background



This preview shows how black text looks on a background with the YUV color 64.4280, -9.0850, 20.6726.

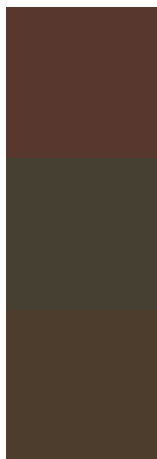


This preview shows how white text looks on a background with the YUV color 64.4280, -9.0850,

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

64.4280, -9.0850, 20.6726

Protanopia

63.8990, -6.8522, 4.4736

Deuteranopia

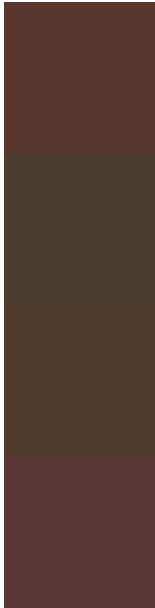
63.9600, -9.3473, 11.4361



Tritanopia

64.9210, -3.4121, 21.1173

Trichromacy



Original Color

64.4280, -9.0850, 20.6726

Protanomaly

64.1170, -7.4527, 10.4214

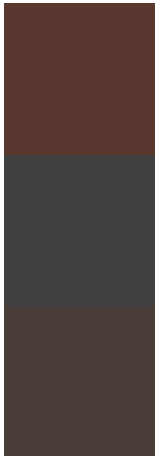
Deuteranomaly

63.9820, -9.3581, 14.9248

Tritanomaly

65.0520, -5.4486, 21.0024

Monochromacy



Original Color

64.4280, -9.0850, 20.6726

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1320, -3.5161, 7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4280, -9.0850, 20.6726 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(88, 56, 46)` looks like.

```
.text, #text, p{  
    color:rgb(88, 56, 46)  
}
```

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(88, 56, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 56, 46) }
```

Border

The CSS property to change the border of an element to YUV 64.4280, -9.0850, 20.6726 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(88, 56, 46) }
```


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

```
.border{ border-color:rgb(88, 56, 46) }
```

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

Here you see how a box with a 4 pixel rgb(88, 56, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 56, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 56, 46);  
box-shadow:4px 4px 4px 4px rgb(88, 56, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.4280, -9.0850, 20.6726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 56, 46) }
```

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

```
.background{ background-color: rgb(88, 56,  
46) }
```

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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