

Converting Colors

YUV(128.3960, -20.4082,
59.2887)

Have a look what the booklet for
YUV(128.3960, -20.4082, 59.2887)
contains.

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Color

**YUV(128.3960, -20.4082,
59.2887)**

Conversions

Conversions Part 1

Format	Color
Hex	C46657
RGB	196, 102, 87
RGB Percent	77%, 40%, 34%
CMY	0.2314, 0.6000, 0.6588
CMYK	0.00, 0.48, 0.56, 0.23
HSL	8°, 48%, 55%
HSV	8°, 56%, 77%
XYZ	29.2366, 21.9266, 11.7081
YIQ	128.3960, 60.8390, 15.2630

Conversions

Conversions Part 2

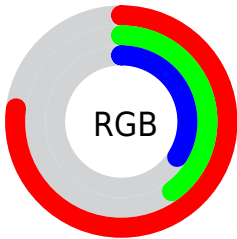
Format	Color
R_{YB}	196, 104, 87
Decimal	12871255
CIE Lab	53.95, 36.02, 25.50
CIE LCh	54, 44.127, 35.296
Yxy	21.9266, 0.4650, 0.3488
Android (android.graphics.Color)	4291061335 (0xFFC46657)
YUV	128.3960, -20.4082, 59.2887
Hunter-Lab	46.8259, 29.5046, 17.9535

Details

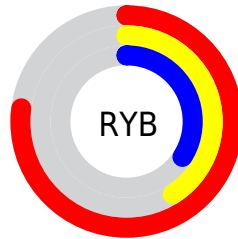
The YUV color **128.3960, -20.4082, 59.2887** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **154.6040, 20.4082, -59.2887**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8480, -22.6031, 63.2773**, and **76.4600, -17.4818, 53.9706** is the 20% darker color. If you saturate the color by 10%, you get **116.1370, -24.2245, 70.0399**, and if you desaturate by 10%, it is **140.6550, -16.5919, 48.5376**.

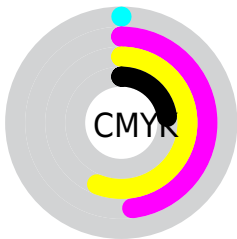
Distribution



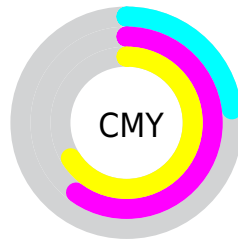
- Red (77%)
- Green (40%)
- Blue (34%)



- Red (77%)
- Yellow (41%)
- Blue (34%)



- Cyan (0%)
- Magenta (48%)
- Yellow (56%)
- Black (23%)



- Cyan (23%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3960, -20.4082, 59.2887 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 128.3960, -20.4082, 59.2887 by changing the saturation by 10% instead.

■ 128.3960,
-20.4082, 59.2887

■ 128.3960,
-20.4082, 59.2887

■ 255.0000, 0.0000,
0.0000

■ 102.4280,
-18.9450, 56.6296

■ 182.8480,
-22.6031, 63.2773

■ 76.4600, -17.4818,
53.9706

■ 201.6610,
-19.0599, 46.7783

■ 50.1330, -14.8556,
51.6264

■ 221.1750,
-15.3693, 29.6645

■ 24.5180, -12.0874,
50.4117

■ 241.3900,
-11.5313, 11.9360

■ 16.4450, -8.1074,
33.8127

■ 254.0880, -3.4944,
0.7998

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,

0.0000

■ 128.3960,
-20.4082, 59.2887

■ 128.3960,
-20.4082, 59.2887

■ 116.1370,
-24.2245, 70.0399

■ 140.6550,
-16.5919, 48.5376

■ 103.9920,
-27.6041, 80.6910

■ 152.8000,
-13.2124, 37.8864

■ 91.7330, -31.4204,
91.4422

■ 165.0590, -9.3961,
27.1353

■ 79.5880, -34.7999,
102.0933

■ 177.2040, -6.0166,
16.4841

■ 74.4530, -36.7053,
106.5967

■ 189.4630, -2.2003,
5.7329

■ 201.1350, 1.9054,
-4.5034

■ 213.2800, 5.2850,
-15.1546

■ 225.5390, 9.1013,
-25.9057

■ 236.7720, 8.9864,
-35.7570

Harmonies

Analogous

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



129.9890, -2.9526, 60.5226



128.3960, -20.4082, 59.2887



126.8550, -33.4525, 43.1002

Triad

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



128.3960, -20.4082, 59.2887



111.2970, -7.5414, -54.6345



121.4960, 41.1675, -44.2850

Complementary

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



128.3960, -20.4082, 59.2887



154.6040, 20.4082, -59.2887

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.



105.3390, 45.6819, -92.3823



128.3960, -20.4082, 59.2887



102.2660, 16.1379, -89.6873

Square

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



128.3960, -20.4082, 59.2887



120.2840, -27.7480, -13.4041



105.8970, 32.5888, -92.8717



131.7260, 29.2221, 7.2563

Rectangle

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



128.3960, -20.4082, 59.2887



125.7190, -37.3295, 26.5564



105.8970, 32.5888, -92.8717



110.9870, 46.3484, -72.7796

Sweetspot

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



128.3960, -20.4082, 59.2887



228.3790, -8.0748, 23.3466



130.3070, 24.9916, 57.6128



112.1220, -4.9901, 13.9250



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



128.3960, -20.4082, 59.2887



149.2170, -32.1520, 92.7717



160.0940, -36.0353, 31.4896



91.1640, -2.0529, 5.1182



61.0530, -30.0991, 87.6535



12.8020, -6.3114, 17.7136

Inverse Universe

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



154.6040, 20.4082, -59.2887



189.7830, 32.1520, -92.7717



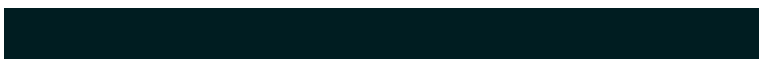
122.9060, 36.0353, -31.4896



93.4230, 1.7635, -5.6330



99.9470, 30.0991, -87.6535



20.7850, 6.0220, -18.2284

Previews

White Background



This preview shows how the YUV color 128.3960, -20.4082, 59.2887 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 128.3960, -20.4082, 59.2887 looks on a black 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 × Fail

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

YUV 128.3960, -20.4082, 59.2887

Background



This preview shows how black text looks on a background with the YUV color 128.3960, -20.4082, 59.2887.



This preview shows how white text looks on a background with the YUV color 128.3960, -20.4082, 59.2887.

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

128.3960, -20.4082, 59.2887

Protanopia

128.2710, -14.4306, 8.5323

Deuteranopia

128.8940, -22.6257, 23.7720



Tritanopia

129.1000, -11.3883, 59.5483

Trichromacy



Original Color

128.3960, -20.4082, 59.2887

Protanomaly

128.2240, -16.3794, 26.9906

Deuteranomaly

128.7970, -22.0849, 37.0120

Tritanomaly

128.8890, -14.7353, 59.7333

Monochromacy



Original Color

128.3960, -20.4082, 59.2887

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.4820, -7.6326, 21.5023

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3960, -20.4082, 59.2887 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(196, 102, 87)` looks like.

```
.text, #text, p{  
    color:rgb(196, 102, 87)  
}
```

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(196, 102, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 102, 87) }
```

Border

The CSS property to change the border of an element to YUV 128.3960, -20.4082, 59.2887 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(196, 102, 87) }
```


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

```
.border{ border-color:rgb(196, 102, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 102, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 102, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 102, 87);  
box-shadow:4px 4px 4px 4px rgb(196, 102,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 128.3960, -20.4082, 59.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 102, 87) }
```

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

```
.background{ background-color: rgb(196,  
102, 87) }
```

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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