

Converting Colors

YUV(104.6730, -20.5448,
56.4148)

Have a look what the booklet for
YUV(104.6730, -20.5448, 56.4148)
contains.

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Color

**YUV(104.6730, -20.5448,
56.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	A9503F
RGB	169, 80, 63
RGB Percent	66%, 31%, 25%
CMY	0.3373, 0.6863, 0.7529
CMYK	0.00, 0.53, 0.63, 0.34
HSL	10°, 46%, 45%
HSV	10°, 63%, 66%
XYZ	20.1281, 14.5312, 6.4466
YIQ	104.6730, 58.5010, 13.5810

Conversions

Conversions Part 2

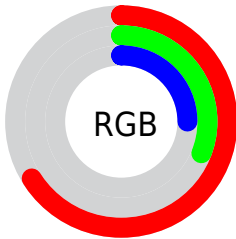
Format	Color
RYB	169, 83, 63
Decimal	11096127
CIELab	44.99, 35.16, 27.20
CIElCh	45, 44.451, 37.722
Yxy	14.5312, 0.4897, 0.3535
Android (android.graphics.Color)	4289286207 (0xFFA9503F)
YUV	104.6730, -20.5448, 56.4148
Hunter-Lab	38.1198, 27.5419, 16.6572

Details

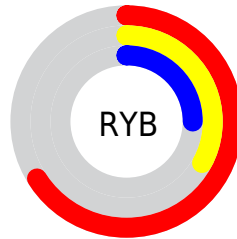
The YUV color **104.6730, -20.5448, 56.4148** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **127.3270, 20.5448, -56.4148**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7230, -23.0344, 61.6329**, and **53.3780, -16.4554, 51.4115** is the 20% darker color. If you saturate the color by 10%, you get **94.5170, -23.9189, 65.3216**, and if you desaturate by 10%, it is **114.8290, -17.1707, 47.5080**.

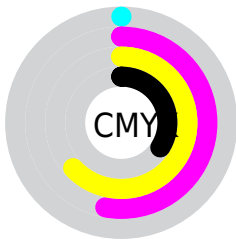
Distribution



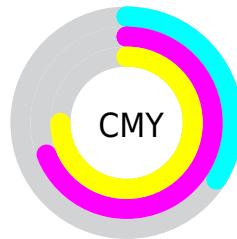
- Red (66%)
- Green (31%)
- Blue (25%)



- Red (66%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (53%)
- Yellow (63%)
- Black (34%)



- Cyan (34%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6730, -20.5448, 56.4148 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 104.6730, -20.5448, 56.4148 by changing the saturation by 10% instead.

■ 104.6730,
-20.5448, 56.4148

■ 104.6730,
-20.5448, 56.4148

■ 255.0000, 0.0000,
0.0000

■ 78.8190, -18.6448,
53.6557

■ 157.7230,
-23.0344, 61.6329

■ 53.3780, -16.4554,
51.4115

■ 184.6090,
-23.4712, 61.7329

■ 25.7030, -12.6716,
51.1265

■ 204.0090,
-20.2174, 44.7191

■ 17.0430, -8.4022,
35.0423

■ 223.5230,
-16.5268, 27.6053

■ 8.1870, -3.5432,
16.4990

■ 243.1510,
-12.3994, 10.3916

■ 0.0000, 0.0000,
0.0000

■ 253.9740, -3.9312,

0.8998

■ 104.6730,
-20.5448, 56.4148

■ 104.6730,
-20.5448, 56.4148

■ 94.5170, -23.9189,
65.3216

■ 114.8290,
-17.1707, 47.5080

■ 84.3610, -27.2930,
74.2284

■ 124.9850,
-13.7966, 38.6012

■ 73.6180, -30.3777,
83.6500

■ 135.7280,
-10.7119, 29.1795

■ 66.3800, -32.7253,
89.9977

■ 145.8840, -7.3378,
20.2727

■ 155.9260, -4.4005,
11.4659

■ 166.0820, -1.0264,
2.5591

■ 176.2380, 2.3477,
-6.3477

■ 186.9810, 5.4324,
-15.7693

■ 197.1370, 8.8065,
-24.6761

Harmonies

Analogous

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



105.4620, -3.6788, 60.1078



104.6730, -20.5448, 56.4148



103.5340, -33.2943, 38.9967

Triad

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



104.6730, -20.5448, 56.4148



80.3920, -1.6723, -70.5038



97.6810, 40.5833, -43.5702

Complementary

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



104.6730, -20.5448, 56.4148



127.3270, 20.5448, -56.4148

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.



89.2160, 42.2915, -78.2424



104.6730, -20.5448, 56.4148



85.8980, 14.3473, -75.3325

Square

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



104.6730, -20.5448, 56.4148



97.0170, -26.1374, -16.6779



89.4150, 30.3614, -78.4170



109.5800, 27.3221, 10.0153

Rectangle

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



104.6730, -20.5448, 56.4148



102.5830, -37.7554, 23.1677



89.4150, 30.3614, -78.4170



85.6770, 46.5012, -75.1387

Sweetspot

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



104.6730, -20.5448, 56.4148



193.7810, -7.7800, 22.1171



104.9540, 23.6867, 56.1683



94.1220, -4.9901, 13.9250



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



104.6730, -20.5448, 56.4148



119.2980, -31.6989, 87.4387



135.1970, -35.5931, 29.6452



78.9790, -1.4686, 4.4034



58.3400, -28.7616, 78.6318



7.7410, -3.8163, 10.7511

Inverse Universe

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



127.3270, 20.5448, -56.4148



154.7020, 31.6989, -87.4387



96.8030, 35.5931, -29.6452



81.0210, 1.4686, -4.4034



89.6600, 28.7616, -78.6318



12.2590, 3.8163, -10.7511

Previews

White Background



This preview shows how the YUV color 104.6730, -20.5448, 56.4148 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 × Fail

Black Background



This preview shows how the YUV color 104.6730, -20.5448, 56.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

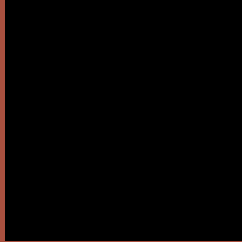
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.6730, -20.5448, 56.4148

Background



This preview shows how black text looks on a background with the YUV color 104.6730, -20.5448, 56.4148.



This preview shows how white text looks on a background with the YUV color 104.6730, -20.5448,

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

104.6730, -20.5448, 56.4148

Protanopia

105.8150, -16.1778, 8.9322

Deuteranopia

105.7690, -23.0571, 22.1276



Tritanopia

105.4910, -11.0881, 56.5744

Trichromacy



Original Color

104.6730, -20.5448, 56.4148

Protanomaly

105.1700, -17.8318, 26.1609

Deuteranomaly

105.3730, -22.3689, 34.7529

Tritanomaly

105.2800, -14.4350, 56.7594

Monochromacy



Original Color

104.6730, -20.5448, 56.4148

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8840, -7.3378, 20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6730, -20.5448, 56.4148 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(169, 80, 63)` looks like.

```
.text, #text, p{  
    color:rgb(169, 80, 63)  
}
```

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(169, 80, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 80, 63) }
```

Border

The CSS property to change the border of an element to YUV 104.6730, -20.5448, 56.4148 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(169, 80, 63) }
```


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

```
.border{ border-color:rgb(169, 80, 63) }
```

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

Here you see how a box with a 4 pixel rgb(169, 80, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 80, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 80, 63);  
box-shadow:4px 4px 4px 4px rgb(169, 80,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 104.6730, -20.5448, 56.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 80, 63) }
```

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

```
.background{ background-color: rgb(169, 80,  
63) }
```

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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