

Converting Colors

YUV(133.1720, -20.7908,
41.9452)

Have a look what the booklet for
YUV(133.1720, -20.7908, 41.9452)
contains.

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Color

**YUV(133.1720, -20.7908,
41.9452)**

Conversions

Conversions Part 1

Format	Color
Hex	B5755B
RGB	181, 117, 91
RGB Percent	71%, 46%, 36%
CMY	0.2902, 0.5412, 0.6431
CMYK	0.00, 0.35, 0.50, 0.29
HSL	17°, 38%, 53%
HSV	17°, 50%, 71%
XYZ	27.3057, 23.3017, 12.9560
YIQ	133.1720, 46.4900, 5.4820

Conversions

Conversions Part 2

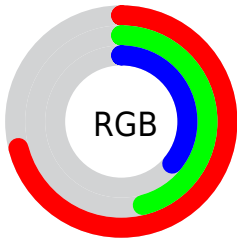
Format	Color
R_{YB}	181, 128, 91
Decimal	11892059
CIE _{Lab}	55.38, 22.24, 24.70
CIE _{LCh}	55, 33.238, 48.001
Yxy	23.3017, 0.4296, 0.3666
Android (android.graphics.Color)	4290082139 (0xFFB5755B)
YUV	133.1720, -20.7908, 41.9452
Hunter-Lab	48.2718, 16.4956, 17.8770

Details

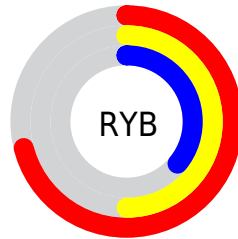
The YUV color **133.1720, -20.7908, 41.9452** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **138.8280, 20.7908, -41.9452**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3250, -22.8382, 45.3190**, and **82.4210, -18.4486, 37.3418** is the 20% darker color. If you saturate the color by 10%, you get **123.4890, -24.8911, 50.4371**, and if you desaturate by 10%, it is **142.8550, -16.6905, 33.4532**.

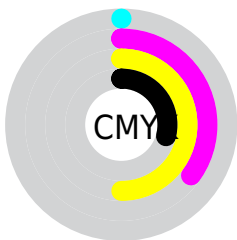
Distribution



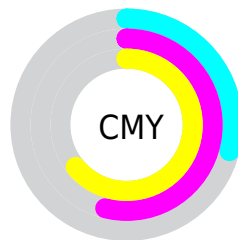
- Red (71%)
- Green (46%)
- Blue (36%)



- Red (71%)
- Yellow (50%)
- Blue (36%)



- Cyan (0%)
- Magenta (35%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1720, -20.7908, 41.9452 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 133.1720, -20.7908, 41.9452 by changing the saturation by 10% instead.

■ 133.1720,
-20.7908, 41.9452

■ 133.1720,
-20.7908, 41.9452

■ 255.0000, 0.0000,
0.0000

■ 107.3890,
-19.9118, 40.0008

■ 187.3250,
-22.8382, 45.3190

■ 82.4210, -18.4486,
37.3418

■ 211.0360,
-21.2167, 38.5564

■ 58.3390, -17.4221,
34.7827

■ 230.5500,
-17.5261, 21.4427

■ 35.0290, -17.2693,
32.4236

■ 250.7650,
-13.6881, 3.7141

■ 13.7540, -6.7807,
28.2797

■ 254.6580, -1.3104,
0.2999

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,

0.0000

■ 133.1720,
-20.7908, 41.9452

■ 133.1720,
-20.7908, 41.9452

■ 123.4890,
-24.8911, 50.4371

■ 142.8550,
-16.6905, 33.4532

■ 113.8060,
-28.9914, 58.9291

■ 152.5380,
-12.5902, 24.9612

■ 104.1230,
-33.0916, 67.4211

■ 162.2210, -8.4900,
16.4692

■ 95.0270, -37.4813,
75.3983

■ 171.3170, -4.1003,
8.4920

■ 85.3440, -41.5816,
83.8903

■ 181.1140, 0.4368,
-0.1000

■ 84.6430, -41.7290,
84.5051

■ 190.7970, 4.5371,
-8.5920

■ 200.4800, 8.6374,
-17.0840

■ 210.1630, 12.7376,
-25.5760

■ 219.8460, 16.8379,
-34.0679

Harmonies

Analogous

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



134.8920, -9.3138, 47.4527



133.1720, -20.7908, 41.9452



131.3520, -27.2885, 26.0013

Triad

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



133.1720, -20.7908, 41.9452



118.5070, 0.7360, -49.5566



132.3230, 26.9558, -12.5613

Complementary

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



133.1720, -20.7908, 41.9452



138.8280, 20.7908, -41.9452

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.



123.0580, 32.0164, -49.1629



133.1720, -20.7908, 41.9452



103.8620, 22.2530, -91.0870

Square

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



133.1720, -20.7908, 41.9452



124.7420, -15.6488, -20.8217



105.0650, 34.4780, -92.1420



136.2900, 17.1120, 18.1627

Rectangle

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



133.1720, -20.7908, 41.9452



129.6770, -26.9558, 12.5613



105.0650, 34.4780, -92.1420



130.4140, 28.8829, -24.0421

Sweetspot

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



133.1720, -20.7908, 41.9452



216.2210, -8.4900, 16.4692



125.3200, 15.1252, 48.8314



105.8010, -4.8319, 9.8215



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



133.1720, -20.7908, 41.9452



160.2260, -32.6494, 65.5768



159.5870, -33.8134, 18.7792



84.4520, -2.1948, 3.9886



71.5750, -35.2865, 71.4097



11.8830, -5.8583, 12.3806

Inverse Universe

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



138.8280, 20.7908, -41.9452



168.7740, 32.6494, -65.5768



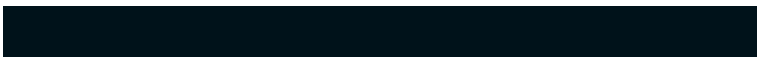
113.0000, 33.5240, -19.2940



85.1350, 1.9054, -4.5034



81.4250, 35.2865, -71.4097



13.5300, 6.1477, -11.8658

Previews

White Background



This preview shows how the YUV color 133.1720, -20.7908, 41.9452 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 133.1720, -20.7908, 41.9452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

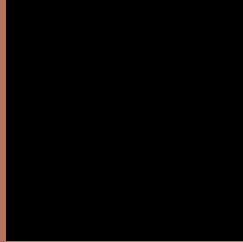
Any Text WCAG AA ✓ Pass

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 133.1720, -20.7908, 41.9452 Background



This preview shows how black text looks on a background with the YUV color 133.1720, -20.7908, 41.9452.



This preview shows how white text looks on a background with the YUV color 133.1720, -20.7908,

41.9452.

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

133.1720, -20.7908, 41.9452

Protanopia

132.0000, -16.7620, 9.6470

Deuteranopia

132.2360, -21.3153, 23.4720



Tritanopia

134.8420, -6.8241, 42.2346

Trichromacy



Original Color

133.1720, -20.7908, 41.9452

Protanomaly

132.3220, -18.3997, 21.6426

Deuteranomaly

132.3940, -20.9002, 30.3495

Tritanomaly

133.8760, -11.7709, 42.2047

Monochromacy



Original Color

133.1720, -20.7908, 41.9452

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8510, -7.3215, 15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1720, -20.7908, 41.9452 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(181, 117, 91)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 91)  
}
```

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(181, 117, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 91) }
```

Border

The CSS property to change the border of an element to YUV 133.1720, -20.7908, 41.9452 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(181, 117, 91) }
```


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

```
.border{ border-color:rgb(181, 117, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 91);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 133.1720, -20.7908, 41.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 91) }
```

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

```
.background{ background-color: rgb(181,  
117, 91) }
```

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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