

Converting Colors

YUV(108.7920, -30.9565,
82.6204)

Have a look what the booklet for
YUV(108.7920, -30.9565, 82.6204)
contains.

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Color

**YUV(108.7920, -30.9565,
82.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	CB492E
RGB	203, 73, 46
RGB Percent	80%, 29%, 18%
CMY	0.2039, 0.7137, 0.8196
CMYK	0.00, 0.64, 0.77, 0.20
HSL	10°, 63%, 49%
HSV	10°, 77%, 80%
XYZ	27.5043, 17.6589, 4.5436
YIQ	108.7920, 86.1470, 19.1630

Conversions

Conversions Part 2

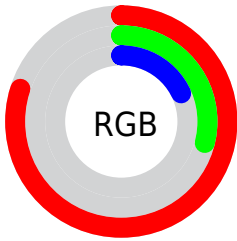
Format	Color
RYB	203, 79, 46
Decimal	13322542
CIELab	49.08, 50.20, 42.84
CIElCh	49, 65.993, 40.473
Yxy	17.6589, 0.5533, 0.3553
Android (android.graphics.Color)	4291512622 (0xFFCB492E)
YUV	108.7920, -30.9565, 82.6204
Hunter-Lab	42.0224, 43.2915, 23.0050

Details

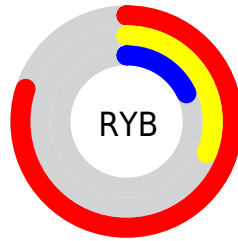
The YUV color **108.7920, -30.9565, 82.6204** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **140.2080, 30.9565, -82.6204**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5100, -33.2824, 81.9907**, and **47.4420, -23.3889, 82.0504** is the 20% darker color. If you saturate the color by 10%, you get **96.5330, -34.7728, 93.3716**, and if you desaturate by 10%, it is **121.0510, -27.1401, 71.8693**.

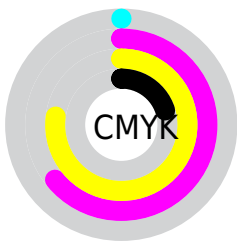
Distribution



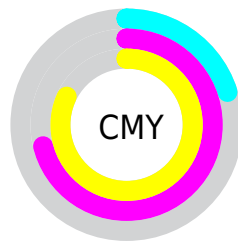
- Red (80%)
- Green (29%)
- Blue (18%)



- Red (80%)
- Yellow (31%)
- Blue (18%)



- Cyan (0%)
- Magenta (64%)
- Yellow (77%)
- Black (20%)



- Cyan (20%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7920, -30.9565, 82.6204 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 108.7920, -30.9565, 82.6204 by changing the saturation by 10% instead.

■ 108.7920,
-30.9565, 82.6204

■ 108.7920,
-30.9565, 82.6204

■ 255.0000, 0.0000,
0.0000

■ 80.4650, -28.3302,
80.2762

■ 161.5100,
-33.2824, 81.9907

■ 47.4420, -23.3889,
82.0504

■ 180.7960,
-30.4654, 65.0769

■ 33.1890, -16.3622,
68.2402

■ 200.1960,
-27.2116, 48.0631

■ 24.2190, -11.9400,
49.7969

■ 219.7100,
-23.5210, 30.9493

■ 16.6730, -7.2338,
33.6128

■ 239.8110,
-20.1198, 13.3208

■ 2.3920, -1.1793,
4.9182

■ 251.9220,

■ 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 108.7920,
-30.9565, 82.6204

■ 108.7920,
-30.9565, 82.6204

■ 96.5330, -34.7728,
93.3716

■ 121.0510,
-27.1401, 71.8693

■ 84.1600, -39.0259,
104.2227

■ 133.4240,
-22.8870, 61.0182

■ 81.2420, -40.0523,
106.7818

■ 145.0960,
-18.7813, 50.7818

■ 157.3550,
-14.9650, 40.0307

■ 169.6140,
-11.1487, 29.2795

■ 181.9870, -6.8956,
18.4284

■ 194.2460, -3.0793,
7.6773

■ 205.9180, 1.0264,
-2.5591

■ 218.2910, 5.2795,
-13.4102

Harmonies

Analogous

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



105.3230, -2.6242, 95.3097



108.7920, -30.9565, 82.6204



109.5300, -53.9983, 53.0322

Triad

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



108.7920, -30.9565, 82.6204



90.3710, -6.5919, -79.2554



94.6710, 65.7312, -83.0265

Complementary

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



108.7920, -30.9565, 82.6204



140.2080, 30.9565, -82.6204

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.



103.4930, 58.9170, -90.7634



108.7920, -30.9565, 82.6204



98.1570, 18.1636, -86.0837

Square

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



108.7920, -30.9565, 82.6204



97.1940, -41.5076, -33.4961



103.6120, 41.6033, -90.8677



119.6040, 41.1142, 19.6413

Rectangle

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



108.7920, -30.9565, 82.6204



109.3650, -53.9169, 26.8669



103.6120, 41.6033, -90.8677



98.4210, 64.8684, -86.3152

Sweetspot

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



108.7920, -30.9565, 82.6204



219.5110, -11.5909, 31.1239



107.8770, 34.0776, 83.4229



106.2860, -7.0430, 19.0432



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.



108.7920, -30.9565, 82.6204



112.9300, -46.8005, 124.5954



154.5780, -53.5290, 42.4661



96.1640, -2.0529, 5.1182



66.6570, -32.8619, 87.1238



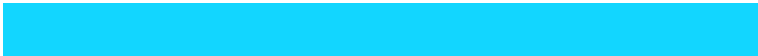
15.4710, -7.6272, 19.7579

Inverse Universe

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



140.2080, 30.9565, -82.6204



160.0700, 46.8005, -124.5954



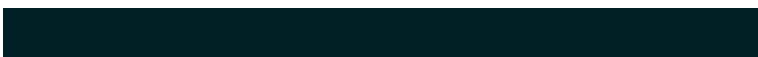
94.4220, 53.5290, -42.4661



97.8360, 2.0529, -5.1182



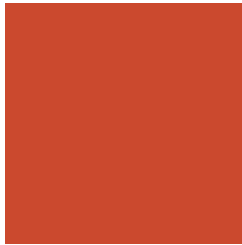
99.3430, 32.8619, -87.1238



23.1160, 7.3378, -20.2727

Previews

White Background



This preview shows how the YUV color 108.7920, -30.9565, 82.6204 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 108.7920, -30.9565, 82.6204 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 108.7920, -30.9565, 82.6204

Background



This preview shows how black text looks on a background with the YUV color 108.7920, -30.9565, 82.6204.



This preview shows how white text looks on a background with the YUV color 108.7920, -30.9565,

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

108.7920, -30.9565, 82.6204

Protanopia

114.2750, -27.2506, 13.7908

Deuteranopia

113.2140, -38.0665, 29.6303



Tritanopia

110.5220, -18.0053, 81.9802

Trichromacy



Original Color

108.7920, -30.9565, 82.6204

Protanomaly

112.3860, -28.7843, 39.1265

Deuteranomaly

111.4320, -35.2160, 48.7331

Tritanomaly

109.9690, -22.6627, 82.4652

Monochromacy



Original Color

108.7920, -30.9565, 82.6204

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9130, -11.2961, 29.8943

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7920, -30.9565, 82.6204 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(203, 73, 46)` looks like.

```
.text, #text, p{  
    color:rgb(203, 73, 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(203, 73, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 73, 46) }
```

Border

The CSS property to change the border of an element to YUV 108.7920, -30.9565, 82.6204 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(203, 73, 46) }
```


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

```
.border{ border-color:rgb(203, 73, 46) }
```

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

Here you see how a box with a 4 pixel rgb(203, 73, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 73, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 73, 46);  
box-shadow:4px 4px 4px 4px rgb(203, 73,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 108.7920, -30.9565, 82.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 73, 46) }
```

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

```
.background{ background-color: rgb(203, 73,  
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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