

Converting Colors

YUV(180.7520, -37.3457,
31.7895)

Have a look what the booklet for
YUV(180.7520, -37.3457, 31.7895)
contains.

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Color

**YUV(180.7520, -37.3457,
31.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B169
RGB	217, 177, 105
RGB Percent	85%, 69%, 41%
CMY	0.1490, 0.3059, 0.5882
CMYK	0.00, 0.18, 0.52, 0.15
HSL	39°, 60%, 63%
HSV	39°, 52%, 85%
XYZ	46.8872, 47.2159, 20.0070
YIQ	180.7520, 46.9520, -13.9120

Conversions

Conversions Part 2

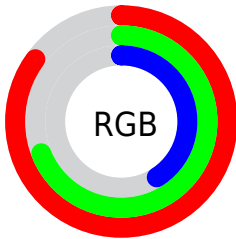
Format	Color
RYB	167, 217, 105
Decimal	14266729
CIELab	74.33, 5.73, 42.03
CIELCh	74, 42.423, 82.240
Yxy	47.2159, 0.4109, 0.4138
Android (android.graphics.Color)	4292456809 (0xFFD9B169)
YUV	180.7520, -37.3457, 31.7895
Hunter-Lab	68.7138, 1.5511, 30.8366

Details

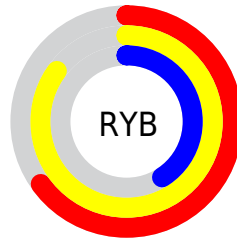
The YUV color **180.7520, -37.3457, 31.7895** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **141.2480, 37.3457, -31.7895**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0280, -36.0028, 21.0234**, and **127.4850, -35.7351, 28.5157** is the 20% darker color. If you saturate the color by 10%, you get **173.5480, -44.6402, 38.1074**, and if you desaturate by 10%, it is **187.9560, -30.0513, 25.4716**.

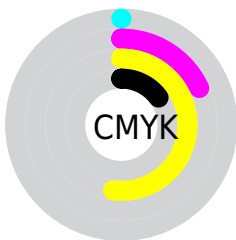
Distribution



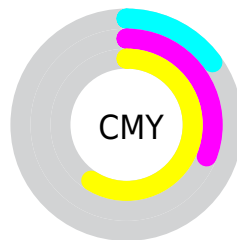
- Red (85%)
- Green (69%)
- Blue (41%)



- Red (65%)
- Yellow (85%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (52%)
- Black (15%)



- Cyan (15%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7520, -37.3457, 31.7895 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 180.7520, -37.3457, 31.7895 by changing the saturation by 10% instead.

■ 180.7520,
-37.3457, 31.7895

■ 180.7520,
-37.3457, 31.7895

255.0000, 0.0000,
0.0000

■ 153.3820,
-36.1773, 30.3600

■ 231.0280,
-36.0028, 21.0234

■ 127.4850,
-35.7351, 28.5157

■ 247.0200,
-30.5759, 6.9985

■ 101.7020,
-34.8561, 26.5713

■ 250.2120,
-18.3455, 4.1991

■ 76.3490, -36.1611,
25.1269

■ 253.5180, -5.6784,
1.2997

■ 54.7320, -26.9829,
21.2830

■ 34.6310, -17.0731,
16.1096

■ 14.8290, -7.3107,

11.5510

■ 0.0000, 0.0000,
0.0000

■ 180.7520,
-37.3457, 31.7895

■ 180.7520,
-37.3457, 31.7895

■ 173.5480,
-44.6402, 38.1074

■ 187.9560,
-30.0513, 25.4716

■ 167.0450,
-51.7872, 43.8105

■ 195.0460,
-23.1937, 19.2537

■ 159.8410,
-59.0816, 50.1284

■ 201.6630,
-15.6099, 13.4505

■ 152.6370,
-66.3760, 56.4464

■ 208.8670, -8.3154,
7.1326

■ 147.0630,
-72.5021, 61.3347

■ 216.0710, -1.0210,
0.8147

■ 223.1610, 5.8366,
-5.4032

■ 229.5500, 12.5469,
-11.0063

■ 234.2460, 10.2317,
-15.1247

■ 238.9420, 7.9166,
-19.2431

Harmonies

Analogous

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



182.9580, -29.5593, 54.4108



180.7520, -37.3457, 31.7895



176.8900, -33.4698, 1.8505

Triad

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



180.7520, -37.3457, 31.7895



143.2150, 33.4180, -125.5996



187.8060, 21.2946, 29.9881

Complementary

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



180.7520, -37.3457, 31.7895



141.2480, 37.3457, -31.7895

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.



183.8100, 35.0967, -10.3574



180.7520, -37.3457, 31.7895



144.5150, 48.5531, -126.7397

Square

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



180.7520, -37.3457, 31.7895



162.2760, 4.3009, -73.0331



171.9950, 40.9215, -58.7546



187.0900, 3.8996, 56.0491

Rectangle

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



180.7520, -37.3457, 31.7895



173.7390, -24.5213, -21.6961



171.9950, 40.9215, -58.7546



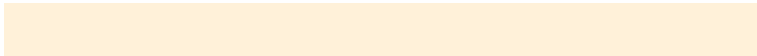
187.3960, 26.4268, 17.1927

Sweetspot

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



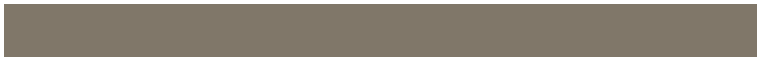
180.7520, -37.3457, 31.7895



242.4500, -12.5468, 11.0064



143.1620, 1.3991, 64.7559



120.0950, -7.4418, 6.9327



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.



180.7520, -37.3457, 31.7895



204.1160, -52.8082, 44.6253



199.7470, -46.7103, 1.9759



106.3980, -3.6472, 3.1590



116.8840, -57.6238, 49.2137



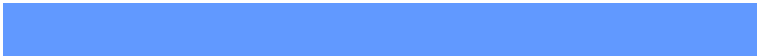
31.3640, -15.4625, 12.8358

Inverse Universe

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



141.2480, 37.3457, -31.7895



147.8840, 52.8082, -44.6253



122.2530, 46.7103, -1.9759



102.6020, 3.6472, -3.1590



56.1160, 57.6238, -49.2137



14.6360, 15.4625, -12.8358

Previews

White Background



This preview shows how the YUV color 180.7520, -37.3457, 31.7895 looks on a white background.

Color Contrast Check

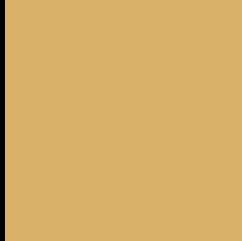
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 180.7520, -37.3457, 31.7895 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 ✓ Pass

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

YUV 180.7520, -37.3457, 31.7895

Background



This preview shows how black text looks on a background with the YUV color 180.7520, -37.3457, 31.7895.



This preview shows how white text looks on a background with the YUV color 180.7520, -37.3457, 31.7895.

31.7895.

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

180.7520, -37.3457, 31.7895

Protanopia

179.4190, -35.7026, 18.0495

Deuteranopia

181.4860, -37.2146, 36.4078



Tritanopia

186.2260, -2.5764, 33.1278

Trichromacy



Original Color

180.7520, -37.3457, 31.7895

Protanomaly

179.9250, -36.4450, 22.8678

Deuteranomaly

181.4750, -37.2092, 34.6634

Tritanomaly

183.8980, -15.2327, 32.5385

Monochromacy



Original Color

180.7520, -37.3457, 31.7895

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1080, -13.8572, 11.3063

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7520, -37.3457, 31.7895 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(217, 177, 105)` looks like.

```
.text, #text, p{  
    color:rgb(217, 177, 105)  
}
```

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(217, 177, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 177, 105) }
```

Border

The CSS property to change the border of an element to YUV 180.7520, -37.3457, 31.7895 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(217, 177, 105) }
```


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

```
.border{ border-color:rgb(217, 177, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 177, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 177, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 177, 105);  
box-shadow:4px 4px 4px 4px rgb(217, 177,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 180.7520, -37.3457, 31.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 177, 105) }
```

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

```
.background{ background-color: rgb(217,  
177, 105) }
```

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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