

Converting Colors

YUV(158.7030, -23.0246,
11.6615)

Have a look what the booklet for
YUV(158.7030, -23.0246, 11.6615)
contains.

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Color

**YUV(158.7030, -23.0246,
11.6615)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA170
RGB	172, 161, 112
RGB Percent	67%, 63%, 44%
CMY	0.3255, 0.3686, 0.5608
CMYK	0.00, 0.06, 0.35, 0.33
HSL	49°, 27%, 56%
HSV	49°, 35%, 67%
XYZ	32.6828, 35.4302, 20.4454
YIQ	158.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

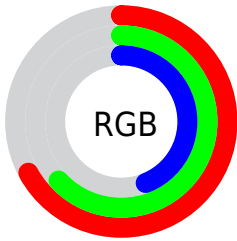
Format	Color
RYB	125, 172, 112
Decimal	11313520
CIELab	66.08, -3.51, 26.99
CIElCh	66, 27.221, 97.411
Yxy	35.4302, 0.3691, 0.4001
Android (android.graphics.Color)	4289503600 (0xFFACA170)
YUV	158.7030, -23.0246, 11.6615
Hunter-Lab	59.5233, -6.1559, 21.3011

Details

The YUV color **158.7030, -23.0246, 11.6615** is a light color, and the websafe version is hex **999966**. A complement of this color would be **125.2970, 23.0246, -11.6615**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6600, -24.4824, 12.5762**, and **107.3330, -21.8562, 10.2320** is the 20% darker color. If you saturate the color by 10%, you get **155.0040, -29.5820, 14.9055**, and if you desaturate by 10%, it is **162.4020, -16.4672, 8.4174**.

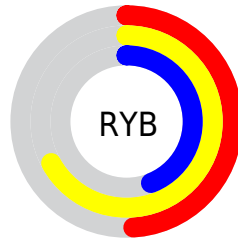
Distribution



Red (67%)

Green (63%)

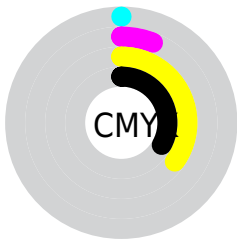
Blue (44%)



Red (49%)

Yellow (67%)

Blue (44%)

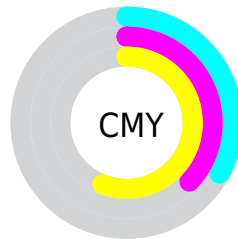


Cyan (0%)

Magenta (6%)

Yellow (35%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7030, -23.0246, 11.6615 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 158.7030, -23.0246, 11.6615 by changing the saturation by 10% instead.

■ 158.7030,
-23.0246, 11.6615

■ 158.7030,
-23.0246, 11.6615

■ 255.0000, 0.0000,
0.0000

■ 132.5180,
-22.4404, 10.9467

■ 213.6600,
-24.4824, 12.5762

■ 107.3330,
-21.8562, 10.2320

■ 241.2470,
-24.7718, 12.0614

■ 82.3760, -20.3984,
9.3172

■ 250.8960,
-15.7247, 3.5992

■ 59.0770, -20.2510,
8.7025

■ 254.2020, -3.0576,
0.6998

■ 37.2340, -18.3564,
7.6878

■ 18.6060, -9.1728,
2.0995

■ 0.0000, 0.0000,

0.0000

■ 158.7030,
-23.0246, 11.6615

■ 158.7030,
-23.0246, 11.6615

■ 155.0040,
-29.5820, 14.9055

■ 162.4020,
-16.4672, 8.4174

■ 151.3050,
-36.1394, 18.1495

■ 166.1010, -9.9098,
5.1734

■ 147.4920,
-43.1336, 21.4935

■ 169.9140, -2.9156,
1.8294

■ 143.2060,
-49.4016, 25.2523

■ 174.2000, 3.3524,
-1.9294

■ 139.5070,
-55.9590, 28.4964

■ 177.8990, 9.9098,
-5.1734

■ 135.8080,
-62.5163, 31.7404

■ 181.5980, 16.4672,
-8.4174

■ 133.6080,
-65.8687, 33.6698

■ 185.2970, 23.0246,
-11.6615

■ 189.1100, 30.0188,
-15.0055

■ 191.4410, 31.3346,
-17.0498

Harmonies

Analogous

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



161.0410, -22.2052, 28.9050



158.7030, -23.0246, 11.6615



155.7650, -17.1391, -9.4409

Triad

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



158.7030, -23.0246, 11.6615



148.5120, 19.9606, -55.7000



164.5380, 7.6228, 28.4692

Complementary

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



158.7030, -23.0246, 11.6615



125.2970, 23.0246, -11.6615

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.



163.3380, 17.5814, 7.5966



158.7030, -23.0246, 11.6615



153.0820, 25.5956, -43.0449

Square

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



158.7030, -23.0246, 11.6615



148.8690, 8.4456, -48.9971



159.5950, 24.3567, -18.9388



164.1020, -4.4873, 39.3755

Rectangle

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



158.7030, -23.0246, 11.6615



153.3270, -9.5282, -23.9658



159.5950, 24.3567, -18.9388



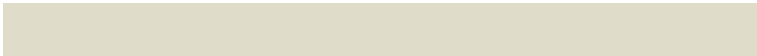
164.4170, 11.1334, 22.4363

Sweetspot

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



158.7030, -23.0246, 11.6615



219.1440, -8.4520, 4.2587



131.1940, -4.0396, 35.7869



109.3440, -5.0996, 2.3293



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



158.7030, -23.0246, 11.6615



203.3050, -36.1394, 18.1495



159.7780, -23.5546, -5.0673



84.8000, -3.3524, 1.9294



117.0510, -57.7061, 28.8963



18.0300, -8.8888, 4.3587

Inverse Universe

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



125.2970, 23.0246, -11.6615



150.6950, 36.1394, -18.1495



124.5210, 23.4071, 5.6821



80.2000, 3.3524, -1.9294



33.5360, 57.4168, -29.4111



4.9700, 8.8888, -4.3587

Previews

White Background



This preview shows how the YUV color 158.7030, -23.0246, 11.6615 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 158.7030, -23.0246, 11.6615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

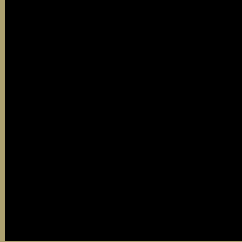
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.7030, -23.0246, 11.6615

Background



This preview shows how black text looks on a background with the YUV color 158.7030, -23.0246, 11.6615.



This preview shows how white text looks on a background with the YUV color 158.7030, -23.0246, 11.6615.

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

158.7030, -23.0246, 11.6615

Protanopia

159.0020, -23.1720, 12.2762

Deuteranopia

160.5030, -22.9260, 26.7459



Tritanopia

162.5440, 1.7038, 13.5549

Trichromacy



Original Color

158.7030, -23.0246, 11.6615

Protanomaly

159.0020, -23.1720, 12.2762

Deuteranomaly

160.0570, -23.1991, 20.9980

Tritanomaly

161.4270, -7.6055, 12.7805

Monochromacy



Original Color

158.7030, -23.0246, 11.6615

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1440, -8.4520, 4.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7030, -23.0246, 11.6615 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(172, 161, 112)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 112)  
}
```

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(172, 161, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 112) }
```

Border

The CSS property to change the border of an element to YUV 158.7030, -23.0246, 11.6615 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(172, 161, 112) }
```


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

```
.border{ border-color:rgb(172, 161, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 112);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 158.7030, -23.0246, 11.6615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 112) }
```

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

```
.background{ background-color: rgb(172,  
161, 112) }
```

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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