

Converting Colors

YUV(162.4720, -36.2217,
-2.1679)

Have a look what the booklet for
YUV(162.4720, -36.2217, -2.1679)
contains.

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Color

**YUV(162.4720, -36.2217,
-2.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B259
RGB	160, 178, 89
RGB Percent	63%, 70%, 35%
CMY	0.3725, 0.3020, 0.6510
CMYK	0.10, 0.00, 0.50, 0.30
HSL	72°, 37%, 52%
HSV	72°, 50%, 70%
XYZ	32.2208, 40.0356, 15.4806
YIQ	162.4720, 17.8410, -31.4950

Conversions

Conversions Part 2

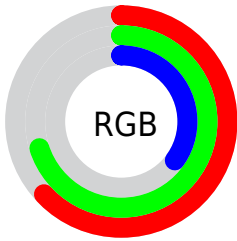
Format	Color
RYB	89, 178, 107
Decimal	10531417
CIELab	69.49, -19.88, 43.02
CIELCh	69, 47.391, 114.801
Yxy	40.0356, 0.3672, 0.4563
Android (android.graphics.Color)	4288721497 (0xFFA0B259)
YUV	162.4720, -36.2217, -2.1679
Hunter-Lab	63.2737, -19.8318, 29.7856

Details

The YUV color **162.4720, -36.2217, -2.1679** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **104.5280, 36.2217, 2.1679**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0160, -37.9689, -1.7680**, and **109.5150, -34.7639, -3.0827** is the 20% darker color. If you saturate the color by 10%, you get **159.2240, -43.4944, -2.8274**, and if you desaturate by 10%, it is **165.7200, -28.9490, -1.5084**.

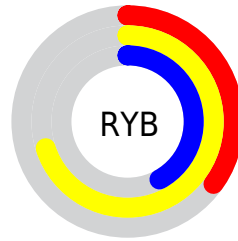
Distribution



Red (63%)

Green (70%)

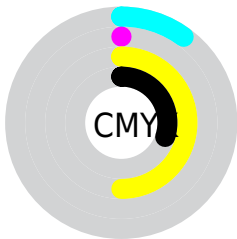
Blue (35%)



Red (35%)

Yellow (70%)

Blue (42%)

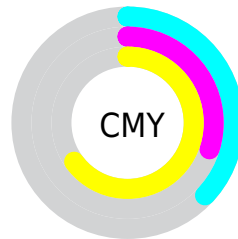


Cyan (10%)

Magenta (0%)

Yellow (50%)

Black (30%)



Cyan (37%)

Magenta (30%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4720, -36.2217, -2.1679 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 162.4720, -36.2217, -2.1679 by changing the saturation by 10% instead.

■ 162.4720,
-36.2217, -2.1679

■ 162.4720,
-36.2217, -2.1679

■ 255.0000, 0.0000,
0.0000

■ 135.7000,
-35.3481, -2.3679

■ 218.0160,
-37.9689, -1.7680

■ 109.5150,
-34.7639, -3.0827

■ 242.0920,
-36.5274, 2.5503

■ 84.0590, -36.5111,
-2.6827

■ 248.2740,
-25.7711, 5.8987

■ 61.3560, -30.2485,
-4.6972

■ 251.4660,
-13.5407, 3.0993

■ 41.2660, -20.3441,
-8.1263

■ 254.7720, -0.8736,
0.2000

■ 19.6700, -9.6973,
-16.3736

■ 0.0000, 0.0000,

0.0000

■ 162.4720,
-36.2217, -2.1679

■ 162.4720,
-36.2217, -2.1679

■ 159.2240,
-43.4944, -2.8274

■ 165.7200,
-28.9490, -1.5084

■ 156.2750,
-50.9146, -2.8722

■ 168.6690,
-21.5288, -1.4637

■ 153.1410,
-57.7505, -3.6317

■ 171.8030,
-14.6929, -0.7042

■ 150.1920,
-65.1707, -3.6764

■ 174.7520, -7.2727,
-0.6595

■ 146.9440,
-72.4434, -4.3359

■ 178.0000, 0.0000,
0.0000

■ 181.2480, 7.2727,
0.6595

■ 184.1970, 14.6929,
0.7042

■ 187.3310, 21.5288,
1.4637

■ 190.2800, 28.9490,
1.5084

Harmonies

Analogous

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



166.6010, -41.7083, 31.0449



162.4720, -36.2217, -2.1679



155.5130, -18.4939, -41.6689

Triad

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



162.4720, -36.2217, -2.1679



137.0150, 50.2786, -120.1622



173.2050, 2.8569, 63.8412

Complementary

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



162.4720, -36.2217, -2.1679



104.5280, 36.2217, 2.1679

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.



174.7790, 22.2940, 36.1508



162.4720, -36.2217, -2.1679



155.4050, 49.1003, -68.7612

Square

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



162.4720, -36.2217, -2.1679



135.3730, 33.8331, -118.7221



171.2170, 37.8540, -8.0833



170.9720, -17.2412, 70.1846

Rectangle

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



162.4720, -36.2217, -2.1679



146.4130, -0.2036, -74.9072



171.2170, 37.8540, -8.0833



173.8820, 9.4252, 57.1085

Sweetspot

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



162.4720, -36.2217, -2.1679



225.9170, -14.2561, -0.8042



126.1770, -18.3283, 45.4488



113.4100, -8.5831, -0.3596



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.



162.4720, -36.2217, -2.1679



207.7820, -56.5875, -3.3168



149.3160, -29.7358, -29.2181



87.3760, -3.6364, -0.3298



126.2890, -62.2605, -3.7615



21.2420, -10.4723, -1.0892

Inverse Universe

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



104.5280, 36.2217, 2.1679



117.2180, 56.5875, 3.3168



117.6840, 29.7358, 29.2181



81.6240, 3.6364, 0.3298



26.7110, 62.2605, 3.7615



4.4590, 10.6197, 0.4745

Previews

White Background



This preview shows how the YUV color 162.4720, -36.2217, -2.1679 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 162.4720, -36.2217, -2.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

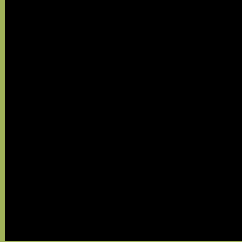
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.4720, -36.2217, -2.1679

Background



This preview shows how black text looks on a background with the YUV color 162.4720, -36.2217, -2.1679.



This preview shows how white text looks on a background with the YUV color 162.4720, -36.2217, -2.1679.

-2.1679.

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

162.4720, -36.2217, -2.1679

Protanopia

165.5070, -39.1970, 18.8494

Deuteranopia

167.5890, -36.7724, 34.5634



Tritanopia

170.3790, 5.2362, 0.5446

Trichromacy



Original Color

162.4720, -36.2217, -2.1679

Protanomaly

164.3920, -38.1543, 11.0572

Deuteranomaly

165.9140, -36.4396, 21.1234

Tritanomaly

167.7690, -9.7461, -0.6744

Monochromacy



Original Color

162.4720, -36.2217, -2.1679

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.1450, -13.3825, -1.0042

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4720, -36.2217, -2.1679 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(160, 178, 89)` looks like.

```
.text, #text, p{  
    color:rgb(160, 178, 89)  
}
```

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(160, 178, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 178, 89) }
```

Border

The CSS property to change the border of an element to YUV 162.4720, -36.2217, -2.1679 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(160, 178, 89) }
```


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

```
.border{ border-color:rgb(160, 178, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 178, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 178, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 178, 89);  
box-shadow:4px 4px 4px 4px rgb(160, 178,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 162.4720, -36.2217, -2.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 178, 89) }
```

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

```
.background{ background-color: rgb(160,  
178, 89) }
```

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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