

Converting Colors

YUV(157.7190, -24.0185,
3.7544)

Have a look what the booklet for
YUV(157.7190, -24.0185, 3.7544)
contains.

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Color

**YUV(157.7190, -24.0185,
3.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A56D
RGB	162, 165, 109
RGB Percent	64%, 65%, 43%
CMY	0.3647, 0.3529, 0.5725
CMYK	0.02, 0.00, 0.34, 0.35
HSL	63°, 24%, 54%
HSV	63°, 34%, 65%
XYZ	31.1157, 35.6958, 19.7180
YIQ	157.7190, 16.1880, -18.0520

Conversions

Conversions Part 2

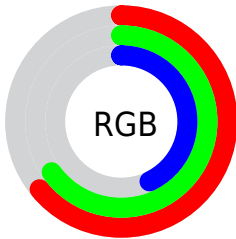
Format	Color
RYB	109, 165, 112
Decimal	10659181
CIELab	66.29, -10.08, 28.72
CIELCh	66, 30.440, 109.344
Yxy	35.6958, 0.3596, 0.4125
Android (android.graphics.Color)	4288849261 (0xFFA2A56D)
YUV	157.7190, -24.0185, 3.7544
Hunter-Lab	59.7459, -11.5924, 22.2546

Details

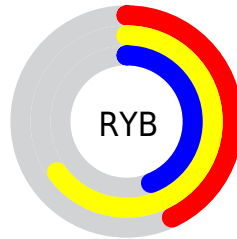
The YUV color **157.7190, -24.0185, 3.7544** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **116.2810, 24.0185, -3.7544**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6760, -25.4763, 4.6691**, and **105.7620, -22.5607, 2.8397** is the 20% darker color. If you saturate the color by 10%, you get **155.4820, -31.2966, 4.8393**, and if you desaturate by 10%, it is **159.8420, -17.1771, 2.7696**.

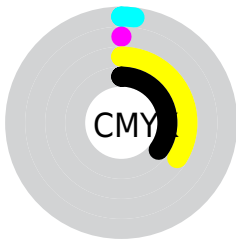
Distribution



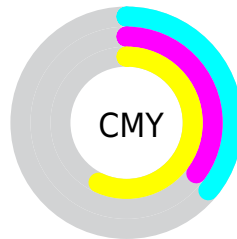
- Red (64%)
- Green (65%)
- Blue (43%)



- Red (43%)
- Yellow (65%)
- Blue (44%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7190, -24.0185, 3.7544 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 157.7190, -24.0185, 3.7544 by changing the saturation by 10% instead.

■ 157.7190,
-24.0185, 3.7544

■ 157.7190,
-24.0185, 3.7544

■ 255.0000, 0.0000,
0.0000

■ 131.5340,
-23.4343, 3.0397

■ 212.6760,
-25.4763, 4.6691

■ 105.7620,
-22.5607, 2.8397

■ 240.5620,
-25.9131, 4.7691

■ 81.5770, -21.9765,
2.1250

■ 250.5540,
-17.0351, 3.8991

■ 58.3920, -21.3923,
1.4102

■ 253.8600, -4.3680,
0.9998

■ 36.9020, -18.1927,
1.8399

■ 16.7790, -8.2720,
-6.8222

■ 0.0000, 0.0000,

0.0000

■ 157.7190,
-24.0185, 3.7544

■ 157.7190,
-24.0185, 3.7544

■ 155.4820,
-31.2966, 4.8393

■ 159.8420,
-17.1771, 2.7696

■ 153.3590,
-38.1380, 5.8242

■ 162.0790, -9.8989,
1.6847

■ 151.1220,
-45.4161, 6.9090

■ 164.2020, -3.0576,
0.6998

■ 148.9990,
-52.2575, 7.8939

■ 166.4390, 4.2206,
-0.3850

■ 147.1750,
-59.2463, 9.4935

■ 168.2630, 11.2093,
-1.9847

■ 144.9380,
-66.5244, 10.5784

■ 170.5000, 18.4875,
-3.0695

■ 143.4990,
-70.7450, 10.9634

■ 172.6230, 25.3289,
-4.0544

■ 174.8600, 32.6070,
-5.1392

■ 176.7550, 38.5748,
-5.9241

Harmonies

Analogous

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



160.3950, -25.8307, 25.0866



157.7190, -24.0185, 3.7544



154.3830, -14.4858, -20.5069

Triad

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



157.7190, -24.0185, 3.7544



147.3030, 26.9656, -62.5327



165.4530, 3.2277, 38.1907

Complementary

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



157.7190, -24.0185, 3.7544



116.2810, 24.0185, -3.7544

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.



164.9480, 15.8016, 18.4626



157.7190, -24.0185, 3.7544



155.3150, 28.9317, -39.7413

Square

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



157.7190, -24.0185, 3.7544



145.4310, 16.0565, -63.5220



162.1770, 25.0557, -9.8022



163.7670, -9.7451, 45.8083

Rectangle

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



157.7190, -24.0185, 3.7544



151.3900, -5.1223, -37.1760



162.1770, 25.0557, -9.8022



165.2720, 7.7539, 33.0875

Sweetspot

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



157.7190, -24.0185, 3.7544



211.3070, -9.0254, 1.4848



127.5050, -9.1230, 32.8831



105.2190, -5.5310, 0.6849



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



157.7190, -24.0185, 3.7544



202.4730, -37.7012, 5.7242



149.3470, -19.8911, -13.4593



80.6750, -3.7838, 0.2850



126.3770, -62.3039, 10.1934



15.6490, -7.7150, 1.1848

Inverse Universe

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



116.2810, 24.0185, -3.7544



137.5270, 37.7012, -5.7242



124.6530, 19.8911, 13.4593



74.3250, 3.7838, -0.2850



18.9220, 62.1565, -9.5786



2.3510, 7.7150, -1.1848

Previews

White Background



This preview shows how the YUV color 157.7190, -24.0185, 3.7544 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 157.7190, -24.0185, 3.7544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

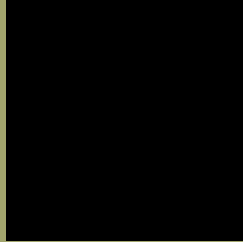
Any Text WCAG AA ✓ Pass

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 157.7190, -24.0185, 3.7544 Background



This preview shows how black text looks on a background with the YUV color 157.7190, -24.0185, 3.7544.



This preview shows how white text looks on a background with the YUV color 157.7190, -24.0185, 3.7544.

3.7544.

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

157.7190, -24.0185, 3.7544

Protanopia

159.0300, -25.6508, 14.0057

Deuteranopia

160.4600, -24.3838, 27.6606



Tritanopia

162.0700, 3.9095, 6.0776

Trichromacy



Original Color

157.7190, -24.0185, 3.7544

Protanomaly

158.2360, -24.7663, 10.3170

Deuteranomaly

159.4050, -24.3567, 18.9388

Tritanomaly

160.4260, -6.1260, 4.8884

Monochromacy



Original Color

157.7190, -24.0185, 3.7544

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0080, -8.8779, 0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7190, -24.0185, 3.7544 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(162, 165, 109)` looks like.

```
.text, #text, p{  
    color:rgb(162, 165, 109)  
}
```

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(162, 165, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 165, 109) }
```

Border

The CSS property to change the border of an element to YUV 157.7190, -24.0185, 3.7544 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(162, 165, 109) }
```


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

```
.border{ border-color:rgb(162, 165, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 165, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 165, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 165, 109);  
box-shadow:4px 4px 4px 4px rgb(162, 165,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 157.7190, -24.0185, 3.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 165, 109) }
```

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

```
.background{ background-color: rgb(162,  
165, 109) }
```

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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