

Converting Colors

YUV(33.5250, 7.1362, -2.2144)

Have a look what the booklet for
YUV(33.5250, 7.1362, -2.2144)
contains.

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Color

**YUV(33.5250, 7.1362,
-2.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2030
RGB	31, 32, 48
RGB Percent	12%, 13%, 19%
CMY	0.8784, 0.8745, 0.8118
CMYK	0.35, 0.33, 0.00, 0.81
HSL	236°, 22%, 15%
HSV	236°, 35%, 19%
XYZ	1.6151, 1.5377, 3.0080
YIQ	33.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

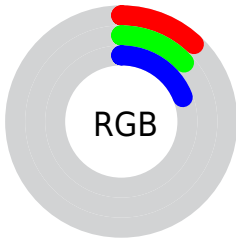
Format	Color
R_{YB}	31, 32, 48
Decimal	2039856
CIE Lab	12.85, 4.21, -10.73
CIE LCh	13, 11.522, 291.427
Yxy	1.5377, 0.2622, 0.2496
Android (android.graphics.Color)	4280229936 (0xFF1F2030)
YUV	33.5250, 7.1362, -2.2144
Hunter-Lab	12.4005, 1.5475, -5.7016

Details

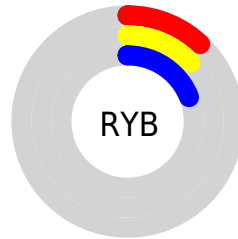
The YUV color **33.5250, 7.1362, -2.2144** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.4750, -7.1362, 2.2144**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7530, 8.0098, -2.4144**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0950, 9.3202, -2.7143**, and if you desaturate by 10%, it is **37.9550, 4.9522, -1.7145**.

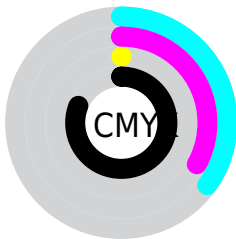
Distribution



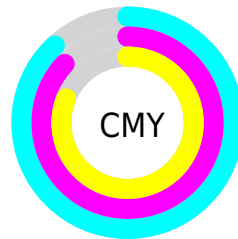
- Red (12%)
- Green (13%)
- Blue (19%)



- Red (12%)
- Yellow (13%)
- Blue (19%)



- Cyan (35%)
- Magenta (33%)
- Yellow (0%)
- Black (81%)



- Cyan (88%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.5250, 7.1362, -2.2144 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 33.5250, 7.1362, -2.2144 by changing the saturation by 10% instead.

■ 33.5250, 7.1362,
-2.2144

■ 33.5250, 7.1362,
-2.2144

255.0000, 0.0000,
0.0000

■ 10.4650, 8.1518,
-1.2848

■ 77.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 101.8670, 8.4466,
-2.5144

■ 126.8670, 8.4466,
-2.5144

■ 152.3940, 9.1728,
-2.0995

■ 179.3940, 9.1728,
-2.0995

■ 207.3940, 9.1728,

-2.0995

■ 235.5080, 9.6096,
-2.1995

■ 33.5250, 7.1362,
-2.2144

■ 33.5250, 7.1362,
-2.2144

■ 29.0950, 9.3202,
-2.7143

■ 37.9550, 4.9522,
-1.7145

■ 25.2520, 11.2148,
-3.7290

■ 41.7980, 3.0576,
-0.6998

■ 21.1210, 13.2513,
-3.6141

■ 45.9290, 1.0210,
-0.8147

■ 17.2780, 15.1459,
-4.6288

■ 49.7720, -0.8736,
0.2000

■ 12.8480, 17.3299,
-5.1287

■ 54.2020, -3.0576,
0.6998

■ 9.0050, 19.2245,
-6.1434

■ 58.0450, -4.9522,
1.7145

■ 7.2330, 20.0981,
-6.3433

■ 62.4750, -7.1362,
2.2144

■ 66.0190, -8.8834,
2.6143

■ 70.4490, -11.0674,
3.1142

Harmonies

Analogous

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



31.8120, 8.4737, -11.2361



33.5250, 7.1362, -2.2144



34.1840, 4.3463, 5.9776

Triad

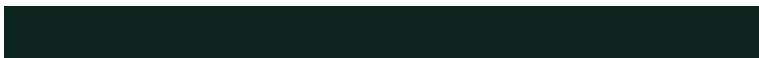
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.5250, 7.1362, -2.2144



33.1710, -6.0003, 11.2510



29.4390, 0.7696, -13.5400

Complementary

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



33.5250, 7.1362, -2.2144



45.4750, -7.1362, 2.2144

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.



30.9300, -3.9095, -6.0776



33.5250, 7.1362, -2.2144



32.9810, -7.8786, 7.0327

Square

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



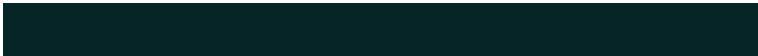
33.5250, 7.1362, -2.2144



33.6920, -2.8062, 13.4251



32.4640, -7.1308, 0.4701



27.9590, 5.4432, -19.2580

Rectangle

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



33.5250, 7.1362, -2.2144



34.5220, 1.7147, 10.0662



32.4640, -7.1308, 0.4701



29.9940, -0.9830, -11.3957

Sweetspot

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



33.5250, 7.1362, -2.2144



55.3850, 2.7682, -1.2146



42.8030, 2.0691, -10.3512



27.4560, 1.7472, -0.3999



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



33.5250, 7.1362, -2.2144



38.5510, 11.0674, -3.1142



35.0310, 6.3937, 2.6038



21.2280, 0.8736, -0.2000



12.8530, 36.5545, -11.2721



32.0270, 89.7127, -28.0877

Inverse Universe

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



36.1970, -2.0691, 10.3512



42.8880, -3.3958, 15.8842



43.9690, -6.3937, -2.6038



21.5980, -0.2948, 1.2296



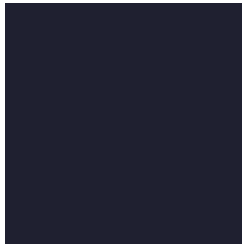
26.5830, -10.6404, 52.9857



65.4680, -25.8667, 130.2626

Previews

White Background



This preview shows how the YUV color 33.5250, 7.1362, -2.2144 looks on a white background.

Color Contrast Check

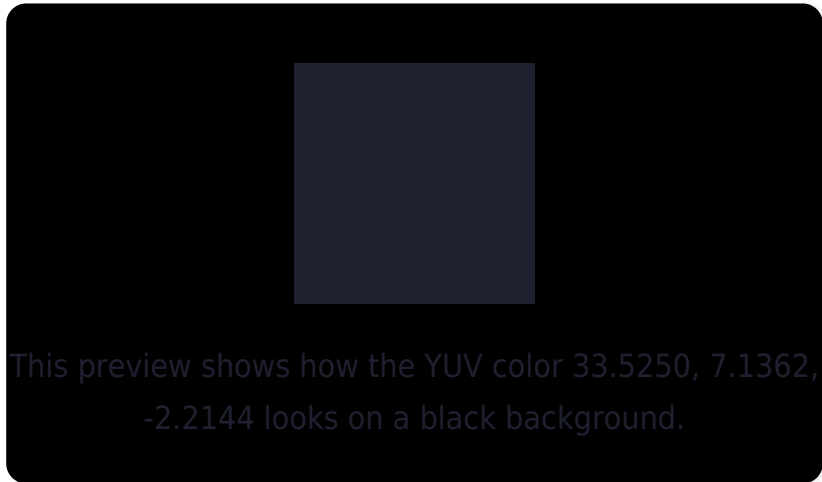
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

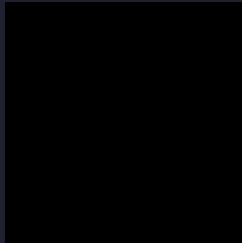
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

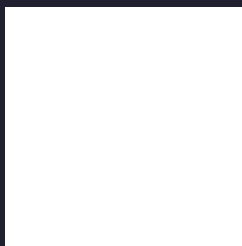
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 33.5250, 7.1362, -2.2144

Background



This preview shows how black text looks on a background with the YUV color 33.5250, 7.1362, -2.2144.



This preview shows how white text looks on a background with the YUV color 33.5250, 7.1362, -2.2144.

-2.2144.

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

33.5250, 7.1362, -2.2144

Protanopia

33.3290, 7.7258, -4.6735

Deuteranopia

33.2150, 7.2890, -4.5736



Tritanopia

32.5480, 2.1948, -3.9886

Trichromacy



Original Color

33.5250, 7.1362, -2.2144

Protanomaly

33.6280, 7.5784, -4.0588

Deuteranomaly

33.5140, 7.1416, -3.9588

Tritanomaly

32.7160, 4.0840, -3.2589

Monochromacy



Original Color

33.5250, 7.1362, -2.2144

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.6840, 2.6208, -0.5999

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.5250, 7.1362, -2.2144 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(31, 32, 48)` looks like.

```
.text, #text, p{  
    color:rgb(31, 32, 48)  
}
```

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(31, 32, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 32, 48) }
```

Border

The CSS property to change the border of an element to YUV 33.5250, 7.1362, -2.2144 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(31, 32, 48) }
```


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

```
.border{ border-color:rgb(31, 32, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 32, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 32, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 32, 48);  
box-shadow:4px 4px 4px 4px rgb(31, 32, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.5250, 7.1362, -2.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 32, 48) }
```

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

```
.background{ background-color: rgb(31, 32,  
48) }
```

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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