

Converting Colors

YUV(47.2250, 8.7631, -10.7213)

Have a look what the booklet for
YUV(47.2250, 8.7631, -10.7213)
contains.

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Color

**YUV(47.2250, 8.7631,
-10.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	233241
RGB	35, 50, 65
RGB Percent	14%, 20%, 25%
CMY	0.8627, 0.8039, 0.7451
CMYK	0.46, 0.23, 0.00, 0.75
HSL	210°, 30%, 20%
HSV	210°, 46%, 25%
XYZ	2.7879, 3.0202, 5.4370
YIQ	47.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

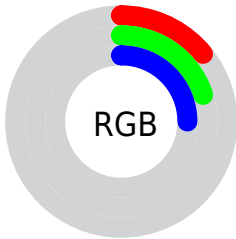
Format	Color
R_{YB}	35, 45, 65
Decimal	2306625
CIE Lab	20.12, -1.51, -11.36
CIE LCh	20, 11.465, 262.430
Yxy	3.0202, 0.2479, 0.2686
Android (android.graphics.Color)	4280496705 (0xFF233241)
YUV	47.2250, 8.7631, -10.7213
Hunter-Lab	17.3787, -1.7779, -6.3842

Details

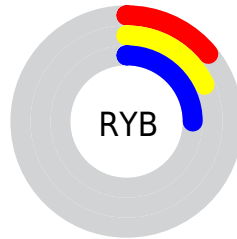
The YUV color **47.2250, 8.7631, -10.7213** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.7750, -8.7631, 10.7213**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.4530, 9.6367, -10.9213**, and **3.7960, 9.4676, -3.3291** is the 20% darker color. If you saturate the color by 10%, you get **43.6700, 10.5157, -12.8656**, and if you desaturate by 10%, it is **51.0790, 6.8631, -7.9623**.

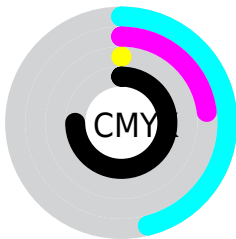
Distribution



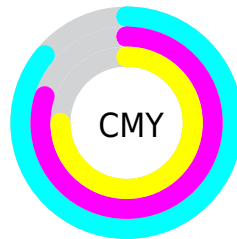
- Red (14%)
- Green (20%)
- Blue (25%)



- Red (14%)
- Yellow (18%)
- Blue (25%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (75%)



- Cyan (86%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.2250, 8.7631, -10.7213 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 47.2250, 8.7631, -10.7213 by changing the saturation by 10% instead.

■ 47.2250, 8.7631,
-10.7213

■ 47.2250, 8.7631,
-10.7213

■ 255.0000, 0.0000,
0.0000

■ 25.8120, 8.4737,
-11.2361

■ 93.4530, 9.6367,
-10.9213

■ 3.7960, 9.4676,
-3.3291

■ 118.4530, 9.6367,
-10.9213

■ 0.0000, 0.0000,
0.0000

■ 144.2680, 10.2209,
-11.6360

■ 170.3820, 10.6577,
-11.7360

■ 197.4960, 11.0945,
-11.8360

■ 225.4960, 11.0945,

-11.8360

250.8140, 2.0637,
-8.6069

47.2250, 8.7631,
-10.7213

47.2250, 8.7631,
-10.7213

43.6700, 10.5157,
-12.8656

51.0790, 6.8631,
-7.9623

39.8160, 12.4157,
-15.6246

55.2210, 4.8210,
-6.3328

35.6740, 14.4577,
-17.2541

59.0750, 2.9210,
-3.5738

31.8200, 16.3577,
-20.0131

62.6300, 1.1684,
-1.4295

28.2650, 18.1104,
-22.1574

66.4840, -0.7316,
1.3295

■ 26.7810, 18.8420,
-23.4869

■ 70.6260, -2.7736,
2.9590

■ 74.4800, -4.6736,
5.7180

■ 78.0350, -6.4263,
7.8623

■ 81.8890, -8.3263,
10.6213

Harmonies

Analogous

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



45.0670, 8.3480, -17.5988



47.2250, 8.7631, -10.7213



48.9380, 7.4256, -1.6996

Triad

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



47.2250, 8.7631, -10.7213



49.8770, -3.3904, 14.1399



46.2180, -4.0515, -7.2072

Complementary

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



47.2250, 8.7631, -10.7213



52.7750, -8.7631, 10.7213

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.



47.4640, -7.1308, 0.4701



47.2250, 8.7631, -10.7213



49.3560, -6.5845, 11.9658

Square

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



47.2250, 8.7631, -10.7213



50.1910, 0.3988, 12.1105



48.2800, -8.0260, 7.6474



45.0260, 0.4802, -14.0548

Rectangle

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



47.2250, 8.7631, -10.7213



49.5150, 5.6621, 3.9333



48.2800, -8.0260, 7.6474



46.5990, -5.2253, -4.0333

Sweetspot

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



47.2250, 8.7631, -10.7213



76.8900, 3.5052, -4.2885



54.3200, -2.1298, -16.9436



39.1460, 1.9000, -2.7590



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



47.2250, 8.7631, -10.7213



56.7450, 13.4367, -16.4394



38.4200, 13.1039, -2.9993



30.9290, 1.0210, -0.8147



39.2340, 28.4786, -34.4082



91.2800, 65.4310, -80.0526

Inverse Universe

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



45.6800, 2.1298, 16.9436



54.3760, 3.2656, 25.9802



61.5800, -13.1039, 2.9993



31.0110, -0.0054, 1.7444



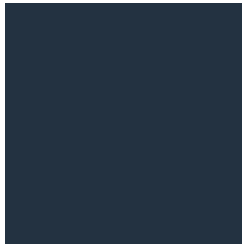
34.4750, 6.6678, 54.8344



79.7440, 15.9022, 126.5125

Previews

White Background



This preview shows how the YUV color 47.2250, 8.7631, -10.7213 looks on a white background.

Color Contrast Check

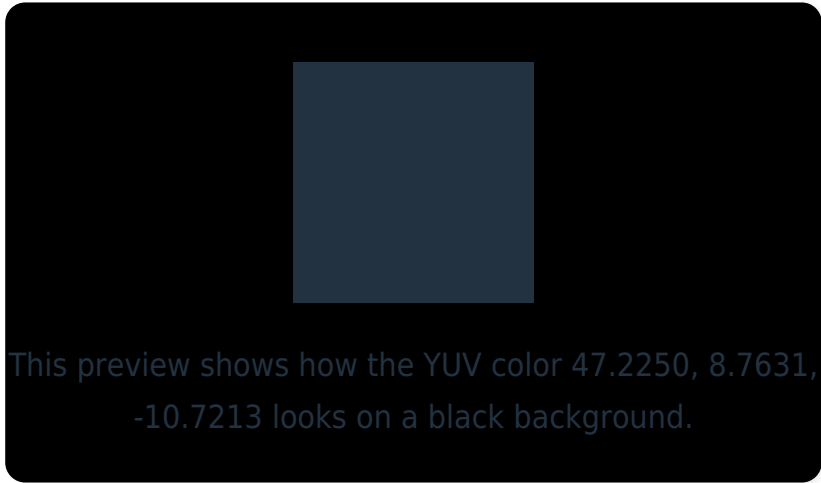
Large Text (above 18pt) WCAG AA ✓ Pass

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

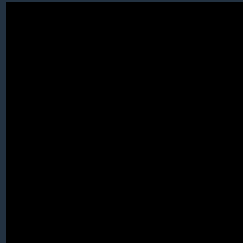
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

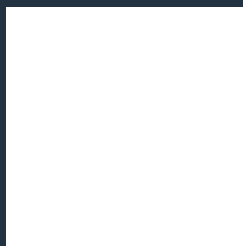
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.2250, 8.7631, -10.7213

Background



This preview shows how black text looks on a background with the YUV color 47.2250, 8.7631, -10.7213.



This preview shows how white text looks on a background with the YUV color 47.2250, 8.7631, -10.7213.

-10.7213.

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

47.2250, 8.7631, -10.7213

Protanopia

48.5140, 7.1416, -3.9588

Deuteranopia

48.7420, 8.0152, -4.1587



Tritanopia

46.4760, 4.6953, -12.6955

Trichromacy



Original Color

47.2250, 8.7631, -10.7213

Protanomaly

48.3180, 7.7312, -6.4179

Deuteranomaly

48.4320, 8.1680, -6.5179

Tritanomaly

46.5300, 6.1477, -11.8658

Monochromacy



Original Color

47.2250, 8.7631, -10.7213

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1890, 3.3578, -3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2250, 8.7631, -10.7213 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(35, 50, 65)` looks like.

```
.text, #text, p{  
    color:rgb(35, 50, 65)  
}
```

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(35, 50, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 50, 65) }
```

Border

The CSS property to change the border of an element to YUV 47.2250, 8.7631, -10.7213 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(35, 50, 65) }
```


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

```
.border{ border-color:rgb(35, 50, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 50, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 50, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 50, 65);  
box-shadow:4px 4px 4px 4px rgb(35, 50, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.2250, 8.7631, -10.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 50, 65) }
```

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

```
.background{ background-color: rgb(35, 50,  
65) }
```

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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