

Converting Colors

YUV(21.5350, 12.0612, 4.7928)

Have a look what the booklet for
YUV(21.5350, 12.0612, 4.7928)
contains.

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Color

**YUV(21.5350, 12.0612,
4.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	1B0E2E
RGB	27, 14, 46
RGB Percent	11%, 5%, 18%
CMY	0.8941, 0.9451, 0.8196
CMYK	0.41, 0.70, 0.00, 0.82
HSL	264°, 53%, 12%
HSV	264°, 70%, 18%
XYZ	1.1022, 0.7443, 2.6703
YIQ	21.5350, -2.5240, 12.7080

Conversions

Conversions Part 2

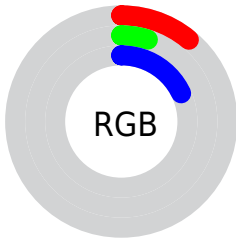
Format	Color
R_YB	27, 14, 46
Decimal	1773102
CIE Lab	6.72, 15.23, -18.93
CIE LCh	7, 24.293, 308.812
Yxy	0.7443, 0.2440, 0.1648
Android (android.graphics.Color)	4279963182 (0xFF1B0E2E)
YUV	21.5350, 12.0612, 4.7928
Hunter-Lab	8.6275, 7.7053, -12.3118

Details

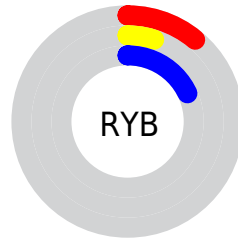
The YUV color **21.5350, 12.0612, 4.7928** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **38.4650, -12.0612, -4.7928**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.8880, 13.3662, 6.2372**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.7030, 13.9504, 5.5225**, and if you desaturate by 10%, it is **25.3670, 10.1721, 4.0631**.

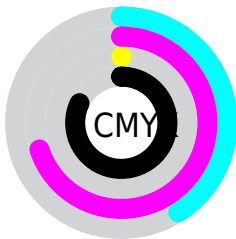
Distribution



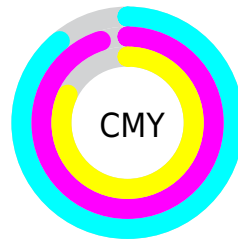
- Red (11%)
- Green (5%)
- Blue (18%)



- Red (11%)
- Yellow (5%)
- Blue (18%)



- Cyan (41%)
- Magenta (70%)
- Yellow (0%)
- Black (82%)



- Cyan (89%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.5350, 12.0612, 4.7928 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 21.5350, 12.0612, 4.7928 by changing the saturation by 10% instead.

■ 21.5350, 12.0612,
4.7928

■ 21.5350, 12.0612,
4.7928

■ 244.4340, 5.2090,
9.2664

■ 2.8500, 10.9200,
-2.4994

■ 64.8880, 13.3662,
6.2372

■ 0.0000, 0.0000,
0.0000

■ 88.4150, 14.0924,
6.6520

■ 112.9420, 14.8186,
7.0669

■ 138.3550, 15.1080,
7.5817

■ 165.3550, 15.1080,
7.5817

■ 191.8820, 15.8342,

7.9965

■ 220.2950, 16.1236,
8.5113

■ 21.5350, 12.0612,
4.7928

■ 21.5350, 12.0612,
4.7928

■ 17.7030, 13.9504,
5.5225

■ 25.3670, 10.1721,
4.0631

■ 14.7570, 15.4028,
6.3521

■ 28.3130, 8.7197,
3.2335

■ 10.9250, 17.2920,
7.0818

■ 32.1450, 6.8305,
2.5038

■ 35.3900, 5.2307,
2.2890

■ 39.2220, 3.3416,
1.5593

■ 42.7550, 1.5998,
0.2149

■ 46.0000, 0.0000,
0.0000

■ 49.8320, -1.8892,
-0.7297

■ 53.0770, -3.4890,
-0.9445

Harmonies

Analogous

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



18.3690, 17.0731, -16.1096



21.5350, 12.0612, 4.7928



19.5540, 6.6289, 20.5621

Triad

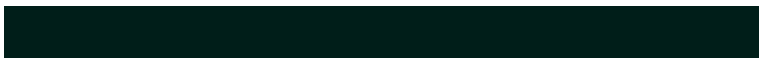
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.5350, 12.0612, 4.7928



20.4550, -10.0843, 14.5100



20.4600, 2.2382, -17.9434

Complementary

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



21.5350, 12.0612, 4.7928



38.4650, -12.0612, -4.7928

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.



17.2510, -7.5187, -15.1291



21.5350, 12.0612, 4.7928



19.7910, -9.7570, 2.8143

Square

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



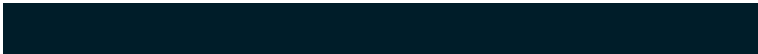
21.5350, 12.0612, 4.7928



18.1620, -8.9539, 25.2909



15.8490, -7.8136, -13.8996



21.6970, 9.5164, -19.0283

Rectangle

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



21.5350, 12.0612, 4.7928



18.6210, 1.6658, 25.7654



15.8490, -7.8136, -13.8996



19.7760, -0.3826, -17.3436

Sweetspot

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



21.5350, 12.0612, 4.7928



48.9770, 4.9413, 1.7742



28.8010, 8.4791, -12.9805



24.8090, 3.0522, 1.0445



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.



21.5350, 12.0612, 4.7928



21.5660, 18.4550, 7.3966



26.3190, 9.7027, 14.6292



21.5270, 0.7262, 0.4148



20.3830, 32.8422, 12.8191



50.4090, 80.6504, 32.0903

Inverse Universe

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



25.7340, 3.5821, 17.7733



27.9570, 5.4442, 27.2247



33.6810, -9.7027, -14.6292



21.7120, 0.1420, 1.1296



31.8270, 9.4523, 48.3867



78.4640, 23.9282, 118.8651

Previews

White Background



This preview shows how the YUV color 21.5350, 12.0612, 4.7928 looks on a white background.

Color Contrast Check

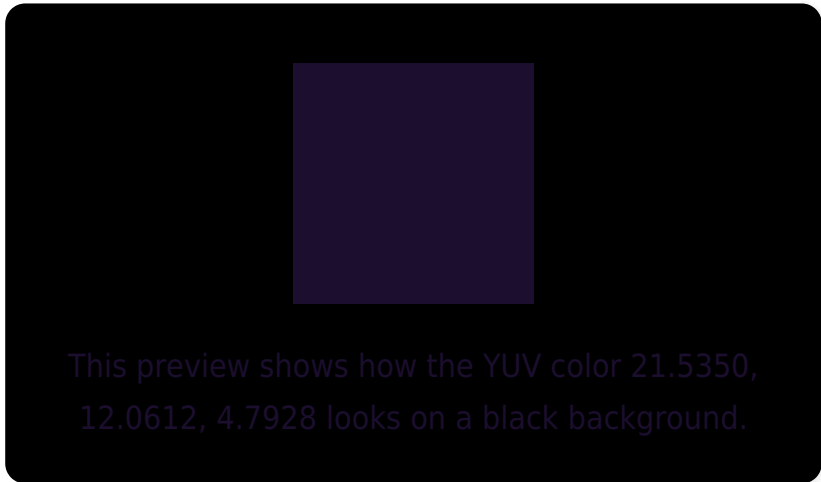
Large Text (above 18pt) WCAG AA ✓ Pass

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

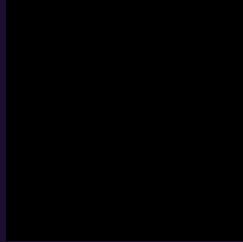
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.5350, 12.0612, 4.7928

Background



This preview shows how black text looks on a background with the YUV color 21.5350, 12.0612, 4.7928.



This preview shows how white text looks on a background with the YUV color 21.5350, 12.0612,

4.7928.

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

21.5350, 12.0612, 4.7928

Protanopia

17.3430, 13.1419, -15.2098

Deuteranopia

17.2460, 10.2317, -15.1247



Tritanopia

22.1140, 0.4368, -0.1000

Trichromacy



Original Color

21.5350, 12.0612, 4.7928

Protanomaly

18.6860, 12.9728, -7.6176

Deuteranomaly

18.8170, 10.9362, -7.7325

Tritanomaly

21.8630, 4.5045, 1.8741

Monochromacy



Original Color

21.5350, 12.0612, 4.7928

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.5350, 12.0612, 4.7928 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(27, 14, 46)` looks like.

```
.text, #text, p{  
    color:rgb(27, 14, 46)  
}
```

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(27, 14, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 14, 46) }
```

Border

The CSS property to change the border of an element to YUV 21.5350, 12.0612, 4.7928 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(27, 14, 46) }
```


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

```
.border{ border-color:rgb(27, 14, 46) }
```

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

Here you see how a box with a 4 pixel rgb(27, 14, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 14, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 14, 46);  
box-shadow:4px 4px 4px 4px rgb(27, 14, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.5350, 12.0612, 4.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 14, 46) }
```

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

```
.background{ background-color: rgb(27, 14,  
46) }
```

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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