

Converting Colors

YUV(21.6350, 20.3929, -7.5729)

Have a look what the booklet for
YUV(21.6350, 20.3929, -7.5729)
contains.

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Color

**YUV(21.6350, 20.3929,
-7.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	0D123F
RGB	13, 18, 63
RGB Percent	5%, 7%, 25%
CMY	0.9490, 0.9294, 0.7529
CMYK	0.79, 0.71, 0.00, 0.75
HSL	234°, 66%, 15%
HSV	234°, 79%, 25%
XYZ	1.2795, 0.8771, 4.8045
YIQ	21.6350, -17.4250, 12.9350

Conversions

Conversions Part 2

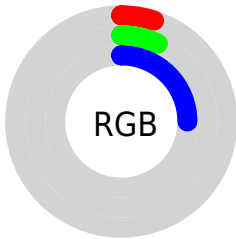
Format	Color
R_{YB}	13, 18, 63
Decimal	856639
CIE _{Lab}	7.92, 15.83, -29.43
CIE _{LCh}	8, 33.415, 298.274
Yxy	0.8771, 0.1838, 0.1260
Android (android.graphics.Color)	4279046719 (0xFF0D123F)
YUV	21.6350, 20.3929, -7.5729
Hunter-Lab	9.3651, 7.9981, -23.8612

Details

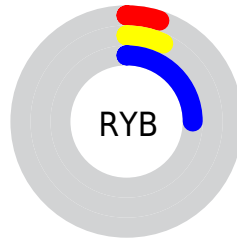
The YUV color **21.6350, 20.3929, -7.5729** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **54.3650, -20.3929, 7.5729**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.7110, 21.8345, -3.2545**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **16.3190, 23.0137, -8.1728**, and if you desaturate by 10%, it is **26.9510, 17.7722, -6.9730**.

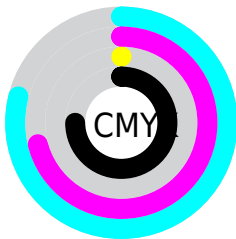
Distribution



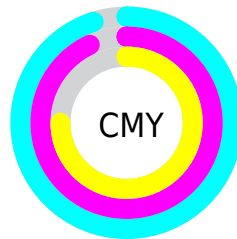
- Red (5%)
- Green (7%)
- Blue (25%)



- Red (5%)
- Yellow (7%)
- Blue (25%)



- Cyan (79%)
- Magenta (71%)
- Yellow (0%)
- Black (75%)



- Cyan (95%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.6350, 20.3929, -7.5729 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 21.6350, 20.3929, -7.5729 by changing the saturation by 10% instead.

■ 21.6350, 20.3929,
-7.5729

■ 21.6350, 20.3929,
-7.5729

■ 245.8850, 4.4937,
5.3629

■ 4.6740, 17.9087,
-4.0991

■ 66.7110, 21.8345,
-3.2545

■ 2.7530, 8.0098,
-2.4144

■ 90.6510, 22.8501,
-2.3249

■ 0.0000, 0.0000,
0.0000

■ 115.4770, 23.4288,
-1.2953

■ 141.1180, 24.5918,
-0.9805

■ 167.6450, 25.3180,
-0.5657

■ 195.0580, 25.6074,

-0.0509

■ 220.7780, 16.8714,
1.9487

■ 21.6350, 20.3929,
-7.5729

■ 21.6350, 20.3929,
-7.5729

■ 16.3190, 23.0137,
-8.1728

■ 26.9510, 17.7722,
-6.9730

■ 11.2910, 25.4925,
-9.9022

■ 31.9790, 15.2934,
-5.2436

■ 10.7040, 25.7819,
-9.3874

■ 37.2950, 12.6726,
-4.6437

■ 42.6110, 10.0518,
-4.0438

■ 47.6390, 7.5730,
-2.3144

■ 52.9550, 4.9522,
-1.7145

■ 58.2710, 2.3314,
-1.1147

■ 63.0000, 0.0000,
0.0000

■ 68.6150, -2.7682,
1.2146

Harmonies

Analogous

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



23.6010, 21.8887, -20.6981



21.6350, 20.3929, -7.5729



21.1720, 12.7332, 22.6512

Triad

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



21.6350, 20.3929, -7.5729



20.8090, -10.2588, 23.8465



22.9390, -0.9559, -20.1175

Complementary

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



21.6350, 20.3929, -7.5729



54.3650, -20.3929, 7.5729

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.



19.3710, -9.5499, -16.9884



21.6350, 20.3929, -7.5729



22.4820, -11.0836, 8.3473

Square

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



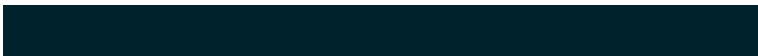
21.6350, 20.3929, -7.5729



17.6410, -8.6970, 36.2718



17.9200, -8.8346, -13.0848



24.9740, 9.3798, -21.9022

Rectangle

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



21.6350, 20.3929, -7.5729



20.8050, 6.0121, 31.7430



17.9200, -8.8346, -13.0848



21.2120, -5.0345, -18.6029

Sweetspot

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



21.6350, 20.3929, -7.5729



65.4540, 8.1572, -3.0292



47.4800, 5.1864, -30.2390



30.9550, 4.9522, -1.7145



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



21.6350, 20.3929, -7.5729



17.5880, 31.7551, -11.9167



24.6800, 18.8918, 7.2966



28.3420, 1.3104, -0.2999



15.9990, 38.4545, -14.0311



38.2220, 90.6026, -33.5207

Inverse Universe

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



28.5200, -5.1864, 30.2390



28.2340, -8.0034, 47.1528



51.3200, -18.8918, -7.2966



28.8970, -0.4422, 1.8443



29.1320, -9.9251, 56.8892



68.8860, -23.1148, 134.2810

Previews

White Background



This preview shows how the YUV color 21.6350, 20.3929, -7.5729 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

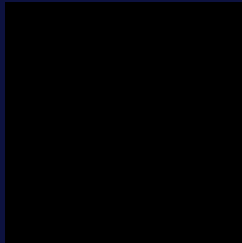
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.6350, 20.3929, -7.5729

Background



This preview shows how black text looks on a background with the YUV color 21.6350, 20.3929, -7.5729.



This preview shows how white text looks on a background with the YUV color 21.6350, 20.3929,

-7.5729.

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

21.6350, 20.3929, -7.5729

Protanopia

19.7880, 14.8945, -17.3541

Deuteranopia

19.4630, 11.1107, -17.0691

Trichromacy



Original Color

21.6350, 20.3929, -7.5729

Protanomaly

20.6790, 16.9203, -13.7505

Deuteranomaly

20.1090, 14.7363, -13.2506

Monochromacy



Original Color

21.6350, 20.3929, -7.5729

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.6350, 20.3929, -7.5729 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(13, 18, 63)` looks like.

```
.text, #text, p{  
    color:rgb(13, 18, 63)  
}
```

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(13, 18, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 18, 63) }
```

Border

The CSS property to change the border of an element to YUV 21.6350, 20.3929, -7.5729 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(13, 18, 63) }
```

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

```
.border{ border-color:rgb(13, 18, 63) }
```

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

Here you see how a box with a 4 pixel rgb(13, 18, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 18, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 18, 63);  
box-shadow:4px 4px 4px 4px rgb(13, 18, 63)  
}
```


Background

The CSS property to change the background color of an element to YUV 21.6350, 20.3929, -7.5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 18, 63) }
```

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

```
.background{ background-color: rgb(13, 18,  
63) }
```

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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