

Converting Colors

YUV(61.6350, 20.3929, -7.5729)

Have a look what the booklet for
YUV(61.6350, 20.3929, -7.5729)
contains.

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Color

**YUV(61.6350, 20.3929,
-7.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	353A67
RGB	53, 58, 103
RGB Percent	21%, 23%, 40%
CMY	0.7922, 0.7725, 0.5961
CMYK	0.49, 0.44, 0.00, 0.60
HSL	234°, 32%, 31%
HSV	234°, 49%, 40%
XYZ	5.4294, 4.7623, 13.4650
YIQ	61.6350, -17.4250, 12.9350

Conversions

Conversions Part 2

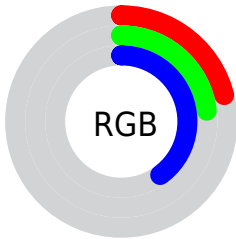
Format	Color
R_{YB}	53, 58, 103
Decimal	3488359
CIE _{Lab}	26.05, 11.33, -27.15
CIE _{LCh}	26, 29.418, 292.651
Yxy	4.7623, 0.2295, 0.2013
Android (android.graphics.Color)	4281678439 (0xFF353A67)
YUV	61.6350, 20.3929, -7.5729
Hunter-Lab	21.8226, 6.2209, -21.3073

Details

The YUV color **61.6350, 20.3929, -7.5729** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **94.3650, -20.3929, 7.5729**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9880, 21.6979, -6.1285**, and **16.3740, 19.5356, -12.6060** is the 20% darker color. If you saturate the color by 10%, you get **53.3620, 24.4715, -9.0875**, and if you desaturate by 10%, it is **69.9080, 16.3144, -6.0583**.

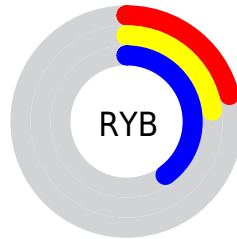
Distribution



Red (21%)

Green (23%)

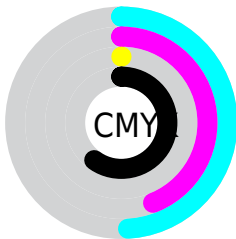
Blue (40%)



Red (21%)

Yellow (23%)

Blue (40%)

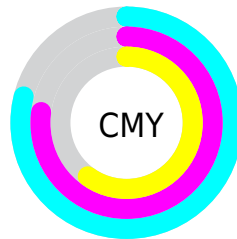


Cyan (49%)

Magenta (44%)

Yellow (0%)

Black (60%)



Cyan (79%)

Magenta (77%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6350, 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 61.6350, 20.3929, -7.5729 by changing the saturation by 10% instead.

■ 61.6350, 20.3929,
-7.5729

■ 61.6350, 20.3929,
-7.5729

■ 255.0000, 0.0000,
0.0000

■ 39.0970, 19.6722,
-9.7321

■ 109.9880, 21.6979,
-6.1285

■ 16.3740, 19.5356,
-12.6060

■ 135.5150, 22.4241,
-5.7137

■ 5.0500, 14.2723,
-4.4289

■ 161.7430, 23.2977,
-5.9136

■ 0.9120, 3.4944,
-0.7998

■ 189.1560, 23.5871,
-5.3988

■ 0.0000, 0.0000,
0.0000

■ 215.4290, 19.5085,
-3.8842

■ 240.8240, 6.9888,

-1.5996

■ 61.6350, 20.3929,
-7.5729

■ 61.6350, 20.3929,
-7.5729

■ 53.3620, 24.4715,
-9.0875

■ 69.9080, 16.3144,
-6.0583

■ 44.2030, 28.9869,
-10.7020

■ 79.0670, 11.7990,
-4.4438

■ 35.9300, 33.0655,
-12.2166

■ 87.3400, 7.7204,
-2.9292

■ 27.6570, 37.1441,
-13.7312

■ 95.6130, 3.6418,
-1.4146

■ 19.0850, 41.3701,
-15.8605

■ 104.1850, -0.5842,
0.7148

■ 17.6120, 42.0963,
-15.4457

■ 113.0450, -4.9522,
1.7145

■ 121.3180, -9.0308,
3.2291

■ 129.5910,
-13.1094, 4.7437

■ 138.1630,
-17.3354, 6.8730

Harmonies

Analogous

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



50.8260, 27.2008, -44.5744



61.6350, 20.3929, -7.5729



64.0250, 12.3127, 17.5181

Triad

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



61.6350, 20.3929, -7.5729



60.8330, -16.6797, 29.9645



48.5340, 3.1877, -42.5643

Complementary

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



61.6350, 20.3929, -7.5729



94.3650, -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.



53.5230, -10.1178, -21.5067



61.6350, 20.3929, -7.5729



59.9640, -22.1673, 16.6946

Square

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



61.6350, 20.3929, -7.5729



60.9830, -7.3866, 35.9719



57.7230, -20.0764, -0.6341



51.1560, 13.2341, -44.8638

Rectangle

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



61.6350, 20.3929, -7.5729



63.1960, 6.3124, 28.7691



57.7230, -20.0764, -0.6341



47.7360, 0.1302, -41.8645

Sweetspot

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



61.6350, 20.3929, -7.5729



118.4540, 8.1572, -3.0292



87.4800, 5.1864, -30.2390



58.6560, 5.0996, -2.3293



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



61.6350, 20.3929, -7.5729



70.5880, 31.7551, -11.9167



64.6800, 18.8918, 7.2966



46.5700, 2.1840, -0.4999



19.5670, 47.0485, -17.1603



41.6760, 98.7597, -36.5499

Inverse Universe

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



68.5200, -5.1864, 30.2390



81.2340, -8.0034, 47.1528



91.3200, -18.8918, -7.2966



47.4950, -0.7370, 3.0739



35.6390, -12.1470, 69.5996



75.0940, -25.1893, 146.3766

Previews

White Background



This preview shows how the YUV color 61.6350, 20.3929, -7.5729 looks on a white background.

Color Contrast Check

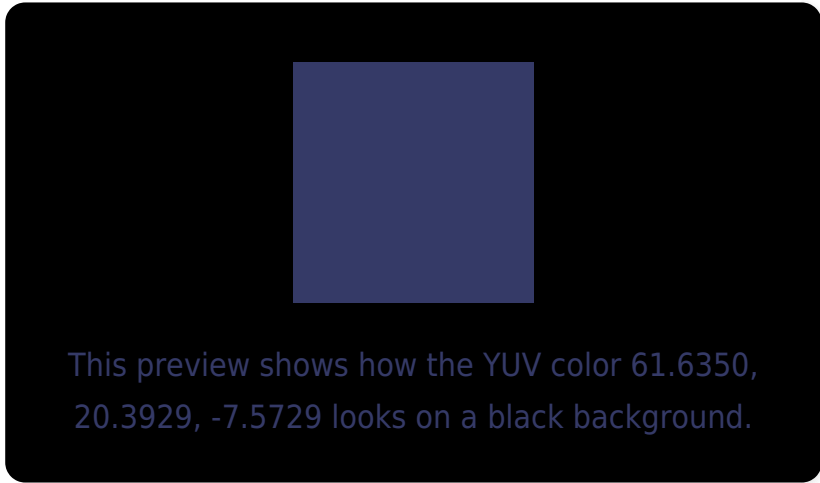
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.6350, 20.3929, -7.5729

Background



This preview shows how black text looks on a background with the YUV color 61.6350, 20.3929, -7.5729.



This preview shows how white text looks on a background with the YUV color 61.6350, 20.3929, -7.5729.

-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

61.6350, 20.3929, -7.5729

Protanopia

59.7480, 22.3092, -15.5650

Deuteranopia

58.4870, 21.4519, -20.5981



Tritanopia

58.9920, 5.4269, -14.0250

Trichromacy



Original Color

61.6350, 20.3929, -7.5729

Protanomaly

60.2430, 21.5722, -12.4911

Deuteranomaly

59.9930, 20.7095, -15.7799

Tritanomaly

59.7950, 10.9471, -11.2212

Monochromacy



Original Color

61.6350, 20.3929, -7.5729

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6350, 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(53, 58, 103)` looks like.

```
.text, #text, p{  
    color:rgb(53, 58, 103)  
}
```

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(53, 58, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 58, 103) }
```

Border

The CSS property to change the border of an element to YUV 61.6350, 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(53, 58, 103) }
```


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

```
.border{ border-color:rgb(53, 58, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 58, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 58, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 58, 103);  
box-shadow:4px 4px 4px 4px rgb(53, 58,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 61.6350, 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(53, 58, 103) }
```

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

```
.background{ background-color: rgb(53, 58,  
103) }
```

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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