

Converting Colors

YUV(140.0110, 13.3056,
-21.0576)

Have a look what the booklet for
YUV(140.0110, 13.3056, -21.0576)
contains.

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Color

**YUV(140.0110, 13.3056,
-21.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	7493A7
RGB	116, 147, 167
RGB Percent	45%, 58%, 65%
CMY	0.5451, 0.4235, 0.3451
CMYK	0.31, 0.12, 0.00, 0.35
HSL	204°, 22%, 55%
HSV	204°, 31%, 65%
XYZ	24.6112, 27.3705, 40.5451
YIQ	140.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

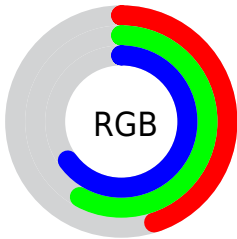
Format	Color
RYB	116, 135, 167
Decimal	7639975
CIELab	59.32, -5.95, -14.03
CIELCh	59, 15.241, 247.034
Yxy	27.3705, 0.2660, 0.2958
Android (android.graphics.Color)	4285830055 (0xFF7493A7)
YUV	140.0110, 13.3056, -21.0576
Hunter-Lab	52.3168, -7.5832, -9.3275

Details

The YUV color $140.0110, 13.3056, -21.0576$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $142.9890, -13.3056, 21.0576$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.8260, 13.8898, -21.7724$, and $89.1960, 12.7214, -20.3429$ is the 20% darker color. If you saturate the color by 10%, you get $130.8190, 17.8372, -27.9053$, and if you desaturate by 10%, it is $149.2030, 8.7739, -14.2100$.

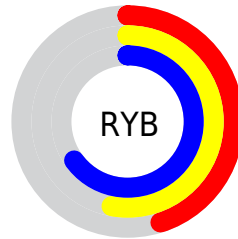
Distribution



Red (45%)

Green (58%)

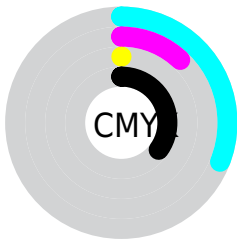
Blue (65%)



Red (45%)

Yellow (53%)

Blue (65%)

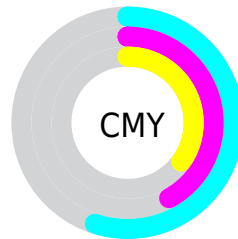


Cyan (31%)

Magenta (12%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.0110, 13.3056, -21.0576 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 140.0110, 13.3056, -21.0576 by changing the saturation by 10% instead.

■ 140.0110, 13.3056,
-21.0576

■ 140.0110, 13.3056,
-21.0576

255.0000, 0.0000,
0.0000

■ 114.3100, 13.1582,
-20.4429

■ 193.8260, 13.8898,
-21.7724

■ 89.1960, 12.7214,
-20.3429

■ 221.9400, 14.3266,
-21.8724

■ 65.3700, 12.1426,
-21.3725

■ 246.0300, 4.4222,
-18.4433

■ 41.7720, 12.4374,
-22.6020

254.7010, 0.1474,
-0.6148

■ 22.1530, 11.2636,
-19.4282

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 140.0110, 13.3056,
-21.0576

■ 140.0110, 13.3056,
-21.0576

■ 130.8190, 17.8372,
-27.9053

■ 149.2030, 8.7739,
-14.2100

■ 122.5130, 21.9321,
-34.6529

■ 157.5090, 4.6791,
-7.4624

■ 113.3210, 26.4637,
-41.5005

■ 166.7010, 0.1474,
-0.6148

■ 104.7160, 30.7060,
-48.8629

■ 175.3060, -4.0949,
6.7476

■ 95.8230, 35.0903,
-55.0958

■ 184.1990, -8.4791,
12.9805

■ 87.2180, 39.3325,
-62.4582

■ 192.8040,
-12.7214, 20.3429

■ 78.9120, 43.4274,
-69.2058

■ 201.9960,
-17.2530, 27.1905

■ 210.6010,
-21.4953, 34.5529

■ 216.2050,
-24.2581, 34.0232

Harmonies

Analogous

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



138.3540, 9.6855, -26.6205



140.0110, 13.3056, -21.0576



142.6750, 12.9782, -9.3620

Triad

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



140.0110, 13.3056, -21.0576



144.8610, -2.3965, 22.0469



140.4480, -9.5879, -4.7779

Complementary

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



140.0110, 13.3056, -21.0576



142.9890, -13.3056, 21.0576

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.



142.0150, -12.8254, 7.0028



140.0110, 13.3056, -21.0576



144.5530, -8.6536, 22.3170

Square

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



140.0110, 13.3056, -21.0576



145.5380, 4.1718, 15.3142



143.3090, -11.9843, 17.2690



138.9780, -3.4402, -16.6437

Rectangle

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



140.0110, 13.3056, -21.0576



144.2740, 11.2039, -0.2403



143.3090, -11.9843, 17.2690



141.1280, -10.9091, -0.9893

Sweetspot

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



140.0110, 13.3056, -21.0576



206.3240, 5.2633, -8.1771



148.2170, -6.0230, -28.2543



103.4770, 3.2158, -4.8033



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.0110, 13.3056, -21.0576



174.2960, 21.0531, -32.7086



125.3360, 20.5404, -8.1877



79.8470, 2.0474, -3.3738



69.7020, 38.6009, -61.1287



9.3240, 5.2633, -8.1771

Inverse Universe

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



134.7830, 6.0230, 28.2543



166.3920, 9.1737, 44.3832



157.6640, -20.5404, 8.1877



78.9620, 1.0047, 4.4183



54.5120, 17.4956, 81.9890



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 140.0110, 13.3056, -21.0576 looks on a white background.

Color Contrast Check

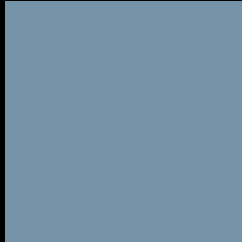
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 140.0110, 13.3056, -21.0576 looks on a black 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 × Fail

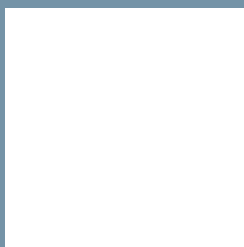
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.0110, 13.3056, -21.0576

Background



This preview shows how black text looks on a background with the YUV color 140.0110, 13.3056, -21.0576.



This preview shows how white text looks on a background with the YUV color 140.0110, 13.3056, -21.0576.

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

140.0110, 13.3056, -21.0576

Protanopia

142.9100, 9.9044, -3.4291

Deuteranopia

143.6160, 12.5143, -0.5402



Tritanopia

139.2020, 10.2534, -22.1022

Trichromacy



Original Color

140.0110, 13.3056, -21.0576

Protanomaly

141.8060, 10.9416, -9.4769

Deuteranomaly

142.2730, 12.6834, -8.1324

Tritanomaly

139.8430, 11.4164, -21.7873

Monochromacy



Original Color

140.0110, 13.3056, -21.0576

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2100, 4.8265, -8.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.0110, 13.3056, -21.0576 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(116, 147, 167)` looks like.

```
.text, #text, p{  
    color:rgb(116, 147, 167)  
}
```

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(116, 147, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 147, 167) }
```

Border

The CSS property to change the border of an element to YUV 140.0110, 13.3056, -21.0576 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(116, 147, 167) }
```


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

```
.border{ border-color:rgb(116, 147, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 147, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 147, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 147, 167);  
box-shadow:4px 4px 4px 4px rgb(116, 147,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 140.0110, 13.3056, -21.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 147, 167) }
```

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

```
.background{ background-color: rgb(116,  
147, 167) }
```

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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