

Converting Colors

YUV(140.9240, 21.7295,
-63.0773)

Have a look what the booklet for
YUV(140.9240, 21.7295, -63.0773)
contains.

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Color

**YUV(140.9240, 21.7295,
-63.0773)**

Conversions

Conversions Part 1

Format	Color
Hex	45A9B9
RGB	69, 169, 185
RGB Percent	27%, 66%, 73%
CMY	0.7294, 0.3373, 0.2745
CMYK	0.63, 0.09, 0.00, 0.27
HSL	188°, 46%, 50%
HSV	188°, 63%, 73%
XYZ	25.3992, 33.1439, 50.9577
YIQ	140.9240, -64.7360, -16.2240

Conversions

Conversions Part 2

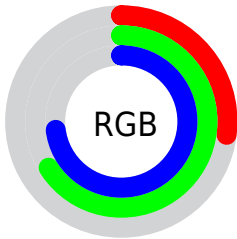
Format	Color
RYB	69, 123, 185
Decimal	4565433
CIELab	64.28, -23.97, -16.87
CIELCh	64, 29.309, 215.141
Yxy	33.1439, 0.2320, 0.3027
Android (android.graphics.Color)	4282755513 (0xFF45A9B9)
YUV	140.9240, 21.7295, -63.0773
Hunter-Lab	57.5708, -21.9979, -12.1799

Details

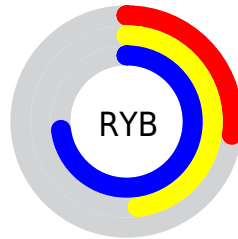
The YUV color **140.9240, 21.7295, -63.0773** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **113.0760, -21.7295, 63.0773**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5330, 21.4292, -60.1034**, and **83.7270, 23.7986, -73.4286** is the 20% darker color. If you saturate the color by 10%, you get **133.7810, 25.2510, -72.5989**, and if you desaturate by 10%, it is **148.0670, 18.2080, -53.5558**.

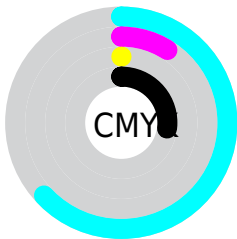
Distribution



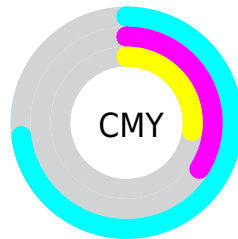
- Red (27%)
- Green (66%)
- Blue (73%)



- Red (27%)
- Yellow (48%)
- Blue (73%)



- Cyan (63%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.9240, 21.7295, -63.0773 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 140.9240, 21.7295, -63.0773 by changing the saturation by 10% instead.

■ 140.9240, 21.7295,
-63.0773

■ 140.9240, 21.7295,
-63.0773

■ 255.0000, 0.0000,
0.0000

■ 110.9340, 23.2035,
-69.2251

■ 197.5330, 21.4292,
-60.1034

■ 83.7270, 23.7986,
-73.4286

■ 224.8230, 14.8773,
-58.6038

■ 66.2020, 20.1134,
-58.0592

■ 234.9670, 9.8763,
-41.1901

■ 49.2640, 16.1388,
-43.2045

■ 243.6380, 5.6015,
-23.3615

■ 33.1410, 12.7485,
-29.0647

■ 252.6080, 1.1793,
-4.9182

■ 19.0070, 9.3635,
-16.6691

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 140.9240, 21.7295,
-63.0773

■ 140.9240, 21.7295,
-63.0773

■ 133.7810, 25.2510,
-72.5989

■ 148.0670, 18.2080,
-53.5558

■ 126.9260, 28.6305,
-83.2501

■ 154.9220, 14.8285,
-42.9046

■ 119.4840, 32.2994,
-93.3865

■ 162.3640, 11.1595,
-32.7682

■ 114.4230, 34.7945,
-100.3490

■ 168.9200, 7.9274,
-22.7318

■ 176.3620, 4.2585,
-12.5955

■ 182.9180, 1.0264,
-2.5591

■ 190.0610, -2.4951,
6.9625

■ 196.9160, -5.8746,
17.6137

■ 204.0590, -9.3961,
27.1353

Harmonies

Analogous

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



142.5480, 8.6038, -53.1006



140.9240, 21.7295, -63.0773



146.3200, 27.9432, -49.3926

Triad

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



140.9240, 21.7295, -63.0773



159.5920, 9.0751, 29.2988



154.1440, -25.2140, 13.9057

Complementary

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



140.9240, 21.7295, -63.0773



113.0760, -21.7295, 63.0773

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.



156.1230, -23.2316, 31.4641



140.9240, 21.7295, -63.0773



159.0530, -3.4771, 42.0495

Square

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



140.9240, 21.7295, -63.0773



158.3100, 20.0602, 5.8671



157.6650, -15.1178, 42.3898



150.6080, -19.0337, -8.4262

Rectangle

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



140.9240, 21.7295, -63.0773



151.9030, 27.1628, -32.3639



157.6650, -15.1178, 42.3898



154.8890, -25.0883, 20.2683

Sweetspot

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



140.9240, 21.7295, -63.0773



222.1370, 8.8065, -24.6761



138.8020, -27.0174, -61.2164



109.2800, 5.2850, -15.1546



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



140.9240, 21.7295, -63.0773



171.5050, 33.7680, -97.7899



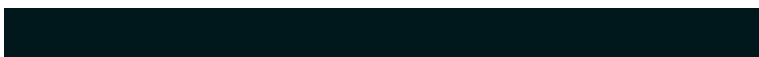
107.4650, 38.2248, -33.7338



88.7220, 1.6161, -5.0182



96.4420, 29.3621, -84.5796



17.2800, 5.2850, -15.1546

Inverse Universe

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



115.0840, 26.5806, 61.3163



131.4900, 41.1704, 95.1633



146.5350, -38.2248, 33.7338



86.6030, 2.1677, 4.7332



61.9200, 35.5354, 82.5082



11.1080, 6.3558, 14.8143

Previews

White Background



This preview shows how the YUV color 140.9240, 21.7295, -63.0773 looks on a white background.

Color Contrast Check

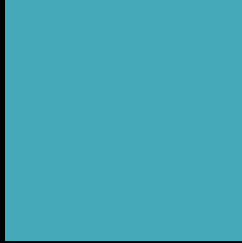
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 140.9240, 21.7295, -63.0773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

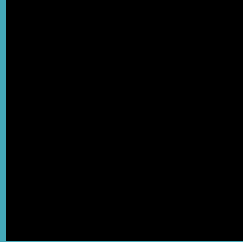
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 140.9240, 21.7295, -63.0773

Background



This preview shows how black text looks on a background with the YUV color 140.9240, 21.7295, -63.0773.

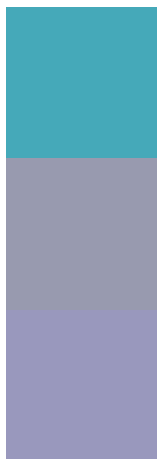


This preview shows how white text looks on a background with the YUV color 140.9240, 21.7295, -63.0773.

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

140.9240, 21.7295, -63.0773

Protanopia

155.7960, 9.4676, -3.3291

Deuteranopia

156.5170, 16.0141, -3.0844



Tritanopia

140.3970, 21.0033, -63.4922

Trichromacy



Original Color

140.9240, 21.7295, -63.0773

Protanomaly

150.2170, 14.1900, -24.7463

Deuteranomaly

150.6560, 18.4106, -25.1313

Tritanomaly

140.5110, 21.4401, -63.5921

Monochromacy



Original Color

140.9240, 21.7295, -63.0773

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9200, 7.9274, -22.7318

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.9240, 21.7295, -63.0773 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(69, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(69, 169, 185)  
}
```

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(69, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 169, 185) }
```

Border

The CSS property to change the border of an element to YUV 140.9240, 21.7295, -63.0773 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(69, 169, 185) }
```


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

```
.border{ border-color:rgb(69, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(69, 169,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 140.9240, 21.7295, -63.0773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 169, 185) }
```

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

```
.background{ background-color: rgb(69, 169,  
185) }
```

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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