

Converting Colors

YUV(137.7350, 18.3716,
-59.4036)

Have a look what the booklet for
YUV(137.7350, 18.3716, -59.4036)
contains.

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Color

**YUV(137.7350, 18.3716,
-59.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	46A5AF
RGB	70, 165, 175
RGB Percent	27%, 65%, 69%
CMY	0.7255, 0.3529, 0.3137
CMYK	0.60, 0.06, 0.00, 0.31
HSL	186°, 43%, 48%
HSV	186°, 60%, 69%
XYZ	23.7188, 31.3075, 45.3503
YIQ	137.7350, -59.8300, -17.0300

Conversions

Conversions Part 2

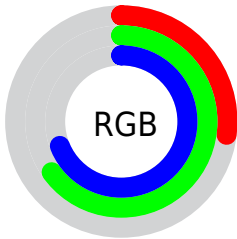
Format	Color
RYB	70, 120, 175
Decimal	4629935
CIELab	62.77, -24.72, -13.56
CIElCh	63, 28.193, 208.741
Yxy	31.3075, 0.2363, 0.3119
Android (android.graphics.Color)	4282820015 (0xFF46A5AF)
YUV	137.7350, 18.3716, -59.4036
Hunter-Lab	55.9531, -22.2510, -8.8877

Details

The YUV color **137.7350, 18.3716, -59.4036** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **107.2650, -18.3716, 59.4036**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0450, 18.2188, -57.0445**, and **80.3530, 21.0250, -70.4696** is the 20% darker color. If you saturate the color by 10%, you get **131.4780, 21.4563, -68.8252**, and if you desaturate by 10%, it is **144.2910, 15.1395, -49.3672**.

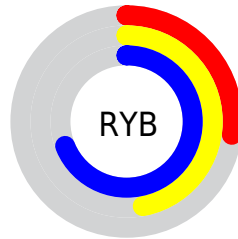
Distribution



Red (27%)

Green (65%)

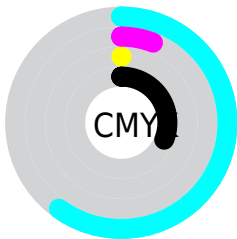
Blue (69%)



Red (27%)

Yellow (47%)

Blue (69%)

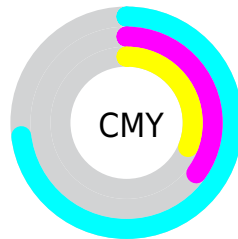


Cyan (60%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (73%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7350, 18.3716, -59.4036 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 137.7350, 18.3716, -59.4036 by changing the saturation by 10% instead.

■ 137.7350, 18.3716,
-59.4036

■ 137.7350, 18.3716,
-59.4036

■ 255.0000, 0.0000,
0.0000

■ 108.6420, 19.4035,
-63.7070

■ 194.0450, 18.2188,
-57.0445

■ 80.3530, 21.0250,
-70.4696

■ 222.1760, 16.1822,
-57.1594

■ 62.8280, 17.3398,
-55.1002

■ 234.3690, 10.1711,
-42.4196

■ 46.0040, 13.8020,
-40.3455

■ 243.3390, 5.7489,
-23.9763

■ 30.4680, 10.1223,
-26.7204

■ 252.3090, 1.3267,
-5.5330

■ 14.5730, 7.6055,
-12.7805

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 137.7350, 18.3716,
-59.4036

■ 137.7350, 18.3716,
-59.4036

■ 131.4780, 21.4563,
-68.8252

■ 144.2910, 15.1395,
-49.3672

■ 125.5090, 24.3991,
-79.3764

■ 149.9610, 12.3442,
-39.4308

■ 118.9530, 27.6312,
-89.4128

■ 156.2180, 9.2595,
-30.0092

■ 112.6960, 30.7159,
-98.8344

■ 162.7740, 6.0274,
-19.9728

■ 168.7430, 3.0847,
-9.4216

■ 175.0000, 0.0000,
0.0000

■ 181.5560, -3.2321,
10.0364

■ 187.2260, -6.0274,
19.9728

■ 193.7820, -9.2595,
30.0092

Harmonies

Analogous

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



140.5550, 4.6564, -46.9677



137.7350, 18.3716, -59.4036



141.4400, 25.9121, -51.2519

Triad

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



137.7350, 18.3716, -59.4036



156.0150, 10.8386, 23.6658



150.5080, -23.9144, 17.0945

Complementary

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



137.7350, 18.3716, -59.4036



107.2650, -18.3716, 59.4036

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.



152.4160, -20.9111, 33.8382



137.7350, 18.3716, -59.4036



155.1280, -0.5561, 38.4757

Square

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



137.7350, 18.3716, -59.4036



154.0920, 20.6606, -0.0807



154.0500, -12.3496, 41.1752



148.0000, -20.2130, -3.5080

Rectangle

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



137.7350, 18.3716, -59.4036



146.3540, 26.4475, -36.2675



154.0500, -12.3496, 41.1752



151.2530, -23.7887, 23.4571

Sweetspot

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



137.7350, 18.3716, -59.4036



212.3930, 7.2013, -23.1467



132.6610, -26.4549, -54.9537



105.7640, 4.5533, -13.8250



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



137.7350, 18.3716, -59.4036



168.8710, 28.6576, -91.9719



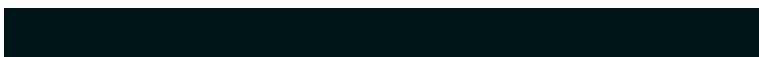
107.7980, 33.1306, -33.1488



83.7220, 1.6161, -5.0182



96.9320, 26.1625, -85.0094



14.9490, 3.9691, -13.1103

Inverse Universe

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



112.2250, 26.0181, 55.0537



129.4950, 40.1820, 85.5119



137.2020, -33.1306, 33.1488



81.6030, 2.1677, 4.7332



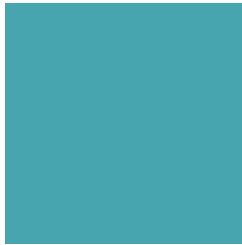
60.3540, 37.2935, 78.6195



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 137.7350, 18.3716, -59.4036 looks on a white background.

Color Contrast Check

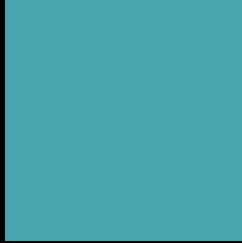
Large Text (above 18pt) WCAG AA × Fail

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 137.7350, 18.3716, -59.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

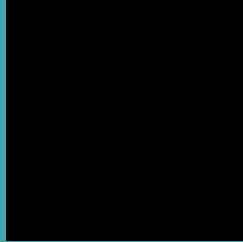
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 137.7350, 18.3716, -59.4036

Background



This preview shows how black text looks on a background with the YUV color 137.7350, 18.3716, -59.4036.

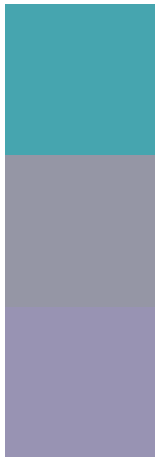


This preview shows how white text looks on a background with the YUV color 137.7350, 18.3716, -59.4036.

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

137.7350, 18.3716, -59.4036

Protanopia

151.4110, 6.6994, -2.1144

Deuteranopia

152.1430, 13.2405, -0.1254



Tritanopia

138.3760, 19.5346, -59.0888

Trichromacy



Original Color

137.7350, 18.3716, -59.4036

Protanomaly

146.1310, 11.2744, -22.9169

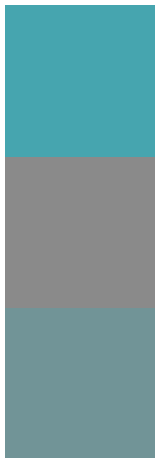
Deuteranomaly

147.1680, 15.2002, -22.0723

Tritanomaly

138.2620, 19.0978, -58.9888

Monochromacy



Original Color

137.7350, 18.3716, -59.4036

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8770, 6.4696, -21.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7350, 18.3716, -59.4036 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(70, 165, 175)` looks like.

```
.text, #text, p{  
    color:rgb(70, 165, 175)  
}
```

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(70, 165, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 165, 175) }
```

Border

The CSS property to change the border of an element to YUV 137.7350, 18.3716, -59.4036 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(70, 165, 175) }
```


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

```
.border{ border-color:rgb(70, 165, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 165, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 165, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 165, 175);  
box-shadow:4px 4px 4px 4px rgb(70, 165,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 137.7350, 18.3716, -59.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 165, 175) }
```

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

```
.background{ background-color: rgb(70, 165,  
175) }
```

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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