

Converting Colors

YUV(136.3620, 14.1185,
-48.5525)

Have a look what the booklet for
YUV(136.3620, 14.1185, -48.5525)
contains.

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Color

**YUV(136.3620, 14.1185,
-48.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	519FA5
RGB	81, 159, 165
RGB Percent	32%, 62%, 65%
CMY	0.6824, 0.3765, 0.3529
CMYK	0.51, 0.04, 0.00, 0.35
HSL	184°, 34%, 48%
HSV	184°, 51%, 65%
XYZ	22.5830, 29.2622, 40.0552
YIQ	136.3620, -48.4140, -14.6700

Conversions

Conversions Part 2

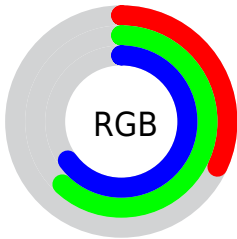
Format	Color
RYB	81, 121, 165
Decimal	5349285
CIELab	61.01, -22.27, -10.53
CIElCh	61, 24.629, 205.301
Yxy	29.2622, 0.2457, 0.3184
Android (android.graphics.Color)	4283539365 (0xFF519FA5)
YUV	136.3620, 14.1185, -48.5525
Hunter-Lab	54.0946, -20.1466, -6.0361

Details

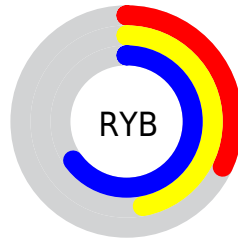
The YUV color **136.3620, 14.1185, -48.5525** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **109.6380, -14.1185, 48.5525**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6610, 13.9711, -47.9377**, and **80.4750, 16.0348, -56.5446** is the 20% darker color. If you saturate the color by 10%, you get **130.6920, 16.9138, -58.4889**, and if you desaturate by 10%, it is **141.7330, 11.4706, -39.2308**.

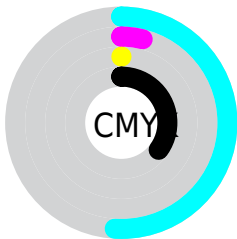
Distribution



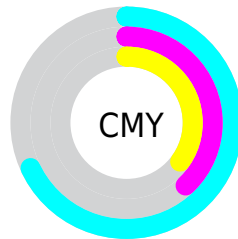
- Red (32%)
- Green (62%)
- Blue (65%)



- Red (32%)
- Yellow (47%)
- Blue (65%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (68%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.3620, 14.1185, -48.5525 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 136.3620, 14.1185, -48.5525 by changing the saturation by 10% instead.

■ 136.3620, 14.1185,
-48.5525

■ 136.3620, 14.1185,
-48.5525

■ 255.0000, 0.0000,
0.0000

■ 109.4650, 14.5608,
-50.3968

■ 191.6610, 13.9711,
-47.9377

■ 80.4750, 16.0348,
-56.5446

■ 219.6610, 13.9711,
-47.9377

■ 58.8670, 14.8556,
-51.6264

■ 236.4620, 9.1392,
-38.1162

■ 42.0430, 11.3178,
-36.8717

■ 245.1330, 4.8644,
-20.2876

■ 26.6210, 8.0748,
-23.3466

■ 254.1030, 0.4422,
-1.8443

■ 7.3180, 7.7312,
-6.4179

■ 0.0000, 0.0000,

0.0000

■ 136.3620, 14.1185,
-48.5525

■ 136.3620, 14.1185,
-48.5525

■ 130.6920, 16.9138,
-58.4889

■ 141.7330, 11.4706,
-39.2308

■ 125.3210, 19.5617,
-67.8105

■ 147.4030, 8.6753,
-29.2944

■ 119.0640, 22.6464,
-77.2321

■ 153.6600, 5.5906,
-19.8728

■ 113.6930, 25.2944,
-86.5538

■ 159.0310, 2.9427,
-10.5512

■ 108.6210, 27.7948,
-95.2606

■ 164.4020, 0.2948,
-1.2296

■ 170.0720, -2.5005,
8.7069

■ 175.4430, -5.1484,
18.0285

■ 181.1130, -7.9437,
27.9649

■ 187.0710,
-10.8810, 36.7717

Harmonies

Analogous

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



138.0400, 2.4453, -37.7461



136.3620, 14.1185, -48.5525



138.9310, 21.2330, -43.7895

Triad

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



136.3620, 14.1185, -48.5525



150.8680, 10.4181, 18.5328



146.6050, -21.0043, 17.0094

Complementary

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



136.3620, 14.1185, -48.5525



109.6380, -14.1185, 48.5525

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.



147.9040, -17.7007, 30.7792



136.3620, 14.1185, -48.5525



151.0240, 0.4812, 32.4280

Square

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



136.3620, 14.1185, -48.5525



148.7990, 18.3401, -2.4547



149.4130, -9.5706, 36.4718



144.5920, -18.0399, -0.5192

Rectangle

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



136.3620, 14.1185, -48.5525



142.1650, 23.0897, -32.5937



149.4130, -9.5706, 36.4718



147.1650, -20.2943, 22.6573

Sweetspot

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



136.3620, 14.1185, -48.5525



203.2580, 5.2958, -18.6433



130.9920, -21.6881, -43.8430



100.7320, 3.0901, -11.1660



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



136.3620, 14.1185, -48.5525



169.8470, 21.7674, -75.2878



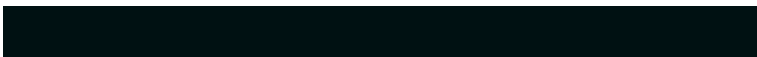
111.7080, 26.2730, -26.9309



78.7220, 1.6161, -5.0182



95.7750, 24.2679, -83.9947



12.0310, 2.9427, -10.5512

Inverse Universe

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



115.0080, 21.6881, 43.8430



136.6640, 33.6896, 67.8237



134.2920, -26.2730, 26.9309



76.6030, 2.1677, 4.7332



58.7450, 37.5937, 75.6456



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 136.3620, 14.1185, -48.5525 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 136.3620, 14.1185, -48.5525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

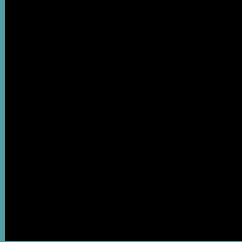
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.3620, 14.1185, -48.5525

Background



This preview shows how black text looks on a background with the YUV color 136.3620, 14.1185, -48.5525.

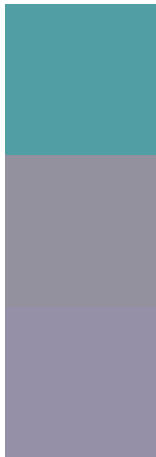


This preview shows how white text looks on a background with the YUV color 136.3620, 14.1185, -48.5525.

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

136.3620, 14.1185, -48.5525

Protanopia

146.6670, 5.0942, -0.5850

Deuteranopia

147.9430, 9.8881, 1.8040



Tritanopia

137.0570, 16.7339, -47.4080

Trichromacy



Original Color

136.3620, 14.1185, -48.5525

Protanomaly

142.7680, 8.4954, -18.2135

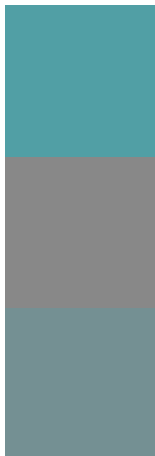
Deuteranomaly

143.8760, 11.4001, -16.5543

Tritanomaly

136.5300, 16.0077, -47.8228

Monochromacy



Original Color

136.3620, 14.1185, -48.5525

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9700, 5.4378, -17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.3620, 14.1185, -48.5525 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(81, 159, 165)` looks like.

```
.text, #text, p{  
    color:rgb(81, 159, 165)  
}
```

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(81, 159, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 159, 165) }
```

Border

The CSS property to change the border of an element to YUV 136.3620, 14.1185, -48.5525 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(81, 159, 165) }
```


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

```
.border{ border-color:rgb(81, 159, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 159, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 159, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 159, 165);  
box-shadow:4px 4px 4px 4px rgb(81, 159,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 136.3620, 14.1185, -48.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 159, 165) }
```

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

```
.background{ background-color: rgb(81, 159,  
165) }
```

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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