

Converting Colors

YUV(135.8410, 14.3754,
-37.5716)

Have a look what the booklet for
YUV(135.8410, 14.3754, -37.5716)
contains.

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Color

**YUV(135.8410, 14.3754,
-37.5716)**

Conversions

Conversions Part 1

Format	Color
Hex	5D98A5
RGB	93, 152, 165
RGB Percent	36%, 60%, 65%
CMY	0.6353, 0.4039, 0.3529
CMYK	0.44, 0.08, 0.00, 0.35
HSL	191°, 29%, 51%
HSV	191°, 44%, 65%
XYZ	22.5340, 27.5002, 39.7177
YIQ	135.8410, -39.3370, -8.4650

Conversions

Conversions Part 2

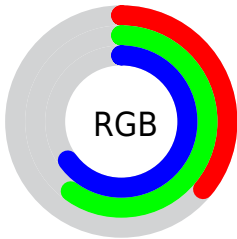
Format	Color
R_{YB}	93, 125, 165
Decimal	6133925
CIE _{Lab}	59.43, -15.69, -12.84
CIE _{LCh}	59, 20.276, 219.301
Yxy	27.5002, 0.2511, 0.3064
Android (android.graphics.Color)	4284324005 (0xFF5D98A5)
YUV	135.8410, 14.3754, -37.5716
Hunter-Lab	52.4407, -15.0690, -8.1968

Details

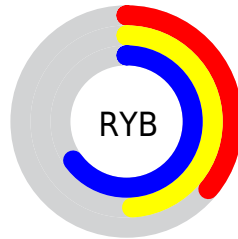
The YUV color **135.8410, 14.3754, -37.5716** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **122.1590, -14.3754, 37.5716**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9550, 14.8122, -37.6715**, and **83.8300, 14.3808, -39.3159** is the 20% darker color. If you saturate the color by 10%, you get **128.9970, 17.7495, -46.4784**, and if you desaturate by 10%, it is **142.3860, 11.1487, -29.2795**.

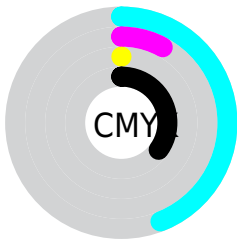
Distribution



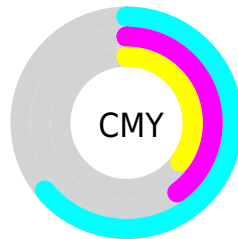
- Red (36%)
- Green (60%)
- Blue (65%)



- Red (36%)
- Yellow (49%)
- Blue (65%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (64%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8410, 14.3754, -37.5716 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 135.8410, 14.3754, -37.5716 by changing the saturation by 10% instead.

■ 135.8410, 14.3754,
-37.5716

■ 135.8410, 14.3754,
-37.5716

255.0000, 0.0000,
0.0000

■ 109.5420, 14.5228,
-38.1863

■ 189.9550, 14.8122,
-37.6715

■ 83.8300, 14.3808,
-39.3159

■ 218.6560, 14.9596,
-38.2863

■ 55.6440, 16.4445,
-47.9228

■ 239.4520, 7.6652,
-31.9684

■ 39.1080, 12.7648,
-34.2977

■ 248.1230, 3.3904,
-14.1399

■ 24.2730, 9.2324,
-21.2874

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 135.8410, 14.3754,
-37.5716

■ 135.8410, 14.3754,
-37.5716

■ 128.9970, 17.7495,
-46.4784

■ 142.3860, 11.1487,
-29.2795

■ 122.4520, 20.9762,
-54.7704

■ 149.2300, 7.7746,
-20.3727

■ 115.6080, 24.3503,
-63.6772

■ 155.7750, 4.5479,
-12.0807

■ 109.0630, 27.5769,
-71.9693

■ 162.6190, 1.1738,
-3.1739

■ 102.2190, 30.9510,
-80.8761

■ 169.1640, -2.0529,
5.1182

■ 98.0550, 33.0039,
-85.9942

■ 176.0080, -5.4269,
14.0250

■ 182.5530, -8.6536,
22.3170

■ 189.3970,
-12.0277, 31.2238

■ 195.9420,
-15.2544, 39.5159

Harmonies

Analogous

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



135.3870, 6.2182, -34.5424



135.8410, 14.3754, -37.5716



138.6340, 18.4214, -28.6200

Triad

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



135.8410, 14.3754, -37.5716



146.3970, 4.7343, 21.5768



141.9890, -16.7566, 7.9026

Complementary

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



135.8410, 14.3754, -37.5716



122.1590, -14.3754, 37.5716

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.



143.4790, -16.5051, 20.6279



135.8410, 14.3754, -37.5716



145.5630, -3.7286, 29.3242

Square

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



135.8410, 14.3754, -37.5716



145.6600, 12.4926, 6.4372



145.0870, -11.8749, 28.8647



139.7420, -12.1978, -7.6667

Rectangle

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



135.8410, 14.3754, -37.5716



141.5860, 17.9521, -18.0539



145.0870, -11.8749, 28.8647



142.6090, -17.0622, 12.6209

Sweetspot

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



135.8410, 14.3754, -37.5716



202.6930, 5.5744, -14.6398



136.6320, -15.5946, -38.2653



100.1560, 3.3741, -8.9068



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.



135.8410, 14.3754, -37.5716



169.0710, 22.1500, -57.9443



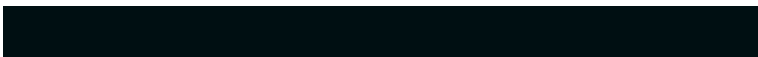
115.2960, 24.5041, -19.5536



78.1350, 1.9054, -4.5034



86.3830, 28.8982, -75.7579



10.8570, 3.5215, -9.5216

Inverse Universe

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



121.2540, 15.1578, 38.3652



146.5630, 23.3864, 59.1422



142.7040, -24.5041, 19.5536



76.4890, 1.7309, 4.8331



56.9210, 30.6049, 77.2453



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 135.8410, 14.3754, -37.5716 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 135.8410, 14.3754, -37.5716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

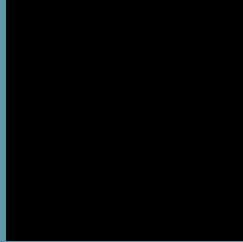
Any Text WCAG AA ✓ Pass

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 135.8410, 14.3754, -37.5716 Background



This preview shows how black text looks on a background with the YUV color 135.8410, 14.3754, -37.5716.



This preview shows how white text looks on a background with the YUV color 135.8410, 14.3754, -37.5716.

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

135.8410, 14.3754, -37.5716

Protanopia

142.6390, 7.5730, -2.3144

Deuteranopia

143.8010, 11.9301, 0.1745



Tritanopia

135.7270, 13.9386, -37.4716

Trichromacy



Original Color

135.8410, 14.3754, -37.5716

Protanomaly

140.2460, 10.2317, -15.1247

Deuteranomaly

140.9410, 12.8471, -13.9803

Tritanomaly

135.7270, 13.9386, -37.4716

Monochromacy



Original Color

135.8410, 14.3754, -37.5716

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9920, 5.4269, -14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8410, 14.3754, -37.5716 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(93, 152, 165)` looks like.

```
.text, #text, p{  
    color:rgb(93, 152, 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(93, 152, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 152, 165) }
```

Border

The CSS property to change the border of an element to YUV 135.8410, 14.3754, -37.5716 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(93, 152, 165) }
```


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

```
.border{ border-color:rgb(93, 152, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 152, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 152, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 152, 165);  
box-shadow:4px 4px 4px 4px rgb(93, 152,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 135.8410, 14.3754, -37.5716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 152, 165) }
```

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

```
.background{ background-color: rgb(93, 152,  
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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