

Converting Colors

YUV(67.8080, 14.3917,
-42.8046)

Have a look what the booklet for
YUV(67.8080, 14.3917, -42.8046)
contains.

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Color

**YUV(67.8080, 14.3917,
-42.8046)**

Conversions

Conversions Part 1

Format	Color
Hex	135761
RGB	19, 87, 97
RGB Percent	7%, 34%, 38%
CMY	0.9255, 0.6588, 0.6196
CMYK	0.80, 0.10, 0.00, 0.62
HSL	188°, 67%, 23%
HSV	188°, 80%, 38%
XYZ	5.8344, 7.8179, 12.5108
YIQ	67.8080, -43.7380, -11.3060

Conversions

Conversions Part 2

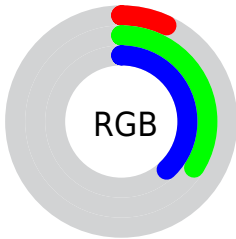
Format	Color
R_{YB}	19, 55, 97
Decimal	1267553
CIE _{Lab}	33.60, -16.56, -11.71
CIE _{LCh}	34, 20.282, 215.273
Yxy	7.8179, 0.2230, 0.2988
Android (android.graphics.Color)	4279457633 (0xFF135761)
YUV	67.8080, 14.3917, -42.8046
Hunter-Lab	27.9605, -11.6839, -6.9566

Details

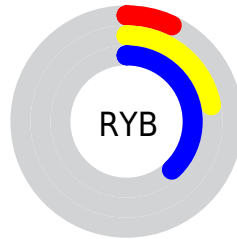
The YUV color **67.8080, 14.3917, -42.8046** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **48.1920, -14.3917, 42.8046**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3140, 13.6492, -37.9864**, and **29.8810, 10.4117, -26.2056** is the 20% darker color. If you saturate the color by 10%, you get **64.2310, 16.1551, -48.4376**, and if you desaturate by 10%, it is **71.3850, 12.6282, -37.1716**.

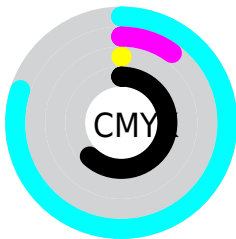
Distribution



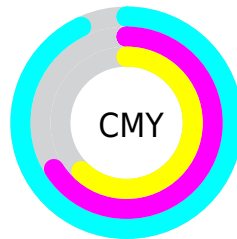
- Red (7%)
- Green (34%)
- Blue (38%)



- Red (7%)
- Yellow (22%)
- Blue (38%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (62%)



- Cyan (93%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8080, 14.3917, -42.8046 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 67.8080, 14.3917, -42.8046 by changing the saturation by 10% instead.

67.8080, 14.3917,
-42.8046

67.8080, 14.3917,
-42.8046

255.0000, 0.0000,
0.0000

45.8900, 13.3652,
-40.2455

120.3140, 13.6492,
-37.9864

29.8810, 10.4117,
-26.2056

146.3140, 13.6492,
-37.9864

16.3340, 6.7373,
-14.3249

174.0150, 13.7966,
-38.6012

0.2280, 0.8736,
-0.2000

201.4280, 14.0860,
-38.0864

0.0000, 0.0000,
0.0000

229.6730, 12.4862,
-38.3012

242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

67.8080, 14.3917,
-42.8046

67.8080, 14.3917,
-42.8046

64.2310, 16.1551,
-48.4376

71.3850, 12.6282,
-37.1716

60.9530, 17.7712,
-53.4558

74.6630, 11.0121,
-32.1535

78.8270, 8.9593,
-27.0353

82.4040, 7.1958,
-21.4023

85.6820, 5.5798,
-16.3841

■ 89.2590, 3.8163,
-10.7511

■ 93.4230, 1.7635,
-5.6330

■ 97.0000, 0.0000,
0.0000

■ 100.2780, -1.6161,
5.0182

Harmonies

Analogous

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



70.1590, 5.3446, -34.3424



67.8080, 14.3917, -42.8046



72.0850, 17.7061, -32.5235

Triad

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



67.8080, 14.3917, -42.8046



81.6030, 5.6187, 17.8882



77.7440, -15.1568, 8.1175

Complementary

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



67.8080, 14.3917, -42.8046



48.1920, -14.3917, 42.8046

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.



78.7500, -14.1738, 19.5132



67.8080, 14.3917, -42.8046



80.9970, -1.9705, 25.4356

Square

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



67.8080, 14.3917, -42.8046



80.8230, 11.9193, 3.6632



80.0480, -9.3907, 25.3909



76.1660, -11.9138, -5.4076

Rectangle

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



67.8080, 14.3917, -42.8046



75.7490, 17.3787, -20.8279



80.0480, -9.3907, 25.3909



78.0650, -15.3150, 12.2210

Sweetspot

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



67.8080, 14.3917, -42.8046



113.6820, 5.5798, -16.3841



65.8120, -18.6413, -41.0541



56.5580, 3.6689, -10.1364



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



67.8080, 14.3917, -42.8046



80.3150, 22.0297, -66.0513



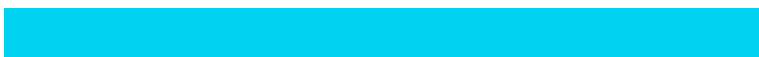
45.5020, 25.3885, -23.2423



46.8040, 0.5896, -2.4591



70.2940, 20.5611, -61.6478



150.0430, 44.3488, -131.5877

Inverse Universe

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



50.0740, 18.2045, 41.1541



52.8500, 28.1749, 63.2756



70.4980, -25.3885, 23.2423



45.6520, 1.1576, 2.0592



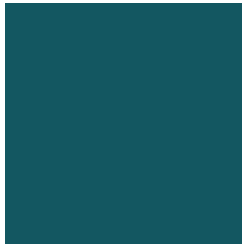
44.6600, 26.2966, 59.0572



95.5860, 55.9131, 126.6511

Previews

White Background



This preview shows how the YUV color 67.8080, 14.3917, -42.8046 looks on a white 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

Black Background



This preview shows how the YUV color 67.8080, 14.3917, -42.8046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

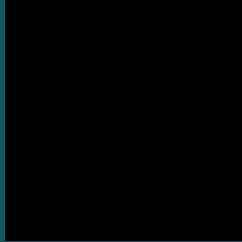
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.8080, 14.3917, -42.8046

Background



This preview shows how black text looks on a background with the YUV color 67.8080, 14.3917, -42.8046.



This preview shows how white text looks on a background with the YUV color 67.8080, 14.3917,

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

67.8080, 14.3917, -42.8046

Protanopia

79.1830, 5.8258, -1.9145

Deuteranopia

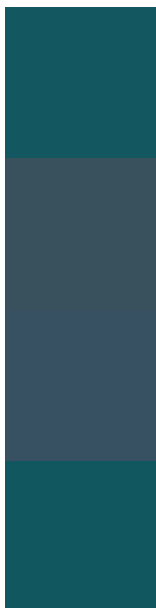
79.2090, 9.7570, -2.8143



Tritanopia

66.6830, 13.9603, -44.4490

Trichromacy



Original Color

67.8080, 14.3917, -42.8046

Protanomaly

74.8930, 8.9268, -16.5692

Deuteranomaly

75.1640, 11.2581, -17.6838

Tritanomaly

67.0960, 14.2497, -43.9342

Monochromacy



Original Color

67.8080, 14.3917, -42.8046

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9810, 5.4324, -15.7693

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8080, 14.3917, -42.8046 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(19, 87, 97)` looks like.

```
.text, #text, p{  
    color:rgb(19, 87, 97)  
}
```

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(19, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 87, 97) }
```

Border

The CSS property to change the border of an element to YUV 67.8080, 14.3917, -42.8046 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(19, 87, 97) }
```


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

```
.border{ border-color:rgb(19, 87, 97) }
```

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

Here you see how a box with a 4 pixel rgb(19, 87, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(19, 87, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8080, 14.3917, -42.8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 87, 97) }
```

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

```
.background{ background-color: rgb(19, 87,  
97) }
```

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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