

Converting Colors

YUV(62.2340, 8.2656, -37.9162)

Have a look what the booklet for
YUV(62.2340, 8.2656, -37.9162)
contains.

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Color

**YUV(62.2340, 8.2656,
-37.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	13514F
RGB	19, 81, 79
RGB Percent	7%, 32%, 31%
CMY	0.9255, 0.6824, 0.6902
CMYK	0.77, 0.00, 0.02, 0.68
HSL	178°, 62%, 20%
HSV	178°, 77%, 32%
XYZ	4.6223, 6.5878, 8.4251
YIQ	62.2340, -36.3100, -13.7660

Conversions

Conversions Part 2

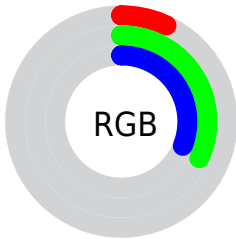
Format	Color
R_{YB}	19, 51, 81
Decimal	1265999
CIE _{Lab}	30.85, -19.43, -4.45
CIE _{LCh}	31, 19.935, 192.899
Yxy	6.5878, 0.2354, 0.3355
Android (android.graphics.Color)	4279456079 (0xFF13514F)
YUV	62.2340, 8.2656, -37.9162
Hunter-Lab	25.6667, -12.7711, -1.4952

Details

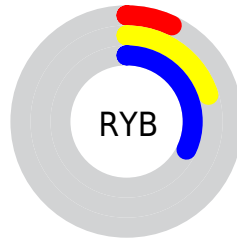
The YUV color **62.2340, 8.2656, -37.9162** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37.7660, -8.2656, 37.9162**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.3160, 7.2392, -35.3571**, and **25.1220, 4.8699, -22.0320** is the 20% darker color. If you saturate the color by 10%, you get **59.8420, 9.4449, -42.8344**, and if you desaturate by 10%, it is **64.6260, 7.0864, -32.9980**.

Distribution



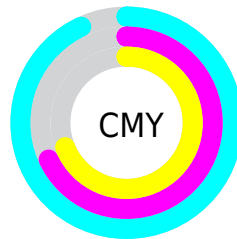
- Red (7%)
- Green (32%)
- Blue (31%)



- Red (7%)
- Yellow (20%)
- Blue (32%)



- Cyan (77%)
- Magenta (0%)
- Yellow (2%)
- Black (68%)



- Cyan (93%)
- Magenta (68%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2340, 8.2656, -37.9162 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 62.2340, 8.2656, -37.9162 by changing the saturation by 10% instead.

■ 62.2340, 8.2656,
-37.9162

■ 62.2340, 8.2656,
-37.9162

■ 255.0000, 0.0000,
0.0000

■ 40.4300, 7.6760,
-35.4571

■ 113.3160, 7.2392,
-35.3571

■ 25.1220, 4.8699,
-22.0320

■ 139.3160, 7.2392,
-35.3571

■ 5.0040, 3.9420,
-4.3885

■ 166.3160, 7.2392,
-35.3571

■ 0.0000, 0.0000,
0.0000

■ 193.9030, 6.9498,
-35.8719

■ 221.7180, 7.5340,
-36.5867

■ 240.9470, 6.9281,

-28.8945

249.6180, 2.6533,
-11.0660

62.2340, 8.2656,
-37.9162

62.2340, 8.2656,
-37.9162

59.8420, 9.4449,
-42.8344

64.6260, 7.0864,
-32.9980

57.3360, 10.1874,
-47.6527

67.1320, 6.3439,
-28.1798

56.4390, 10.6296,
-49.4970

69.5240, 5.1647,
-23.2615

71.9160, 3.9854,
-18.3433

74.6070, 2.6587,
-12.8103

■ 77.1130, 1.9163,
-7.9921

■ 79.5050, 0.7370,
-3.0739

■ 81.8970, -0.4422,
1.8443

■ 84.2890, -1.6215,
6.7625

Harmonies

Analogous

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



66.1020, -1.5293, -22.8915



62.2340, 8.2656, -37.9162



61.1500, 15.7021, -43.1045

Triad

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



62.2340, 8.2656, -37.9162



74.3890, 10.1612, 7.5518



72.6140, -14.5997, 16.1245

Complementary

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



62.2340, 8.2656, -37.9162



37.7660, -8.2656, 37.9162

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.



72.8090, -10.2588, 23.8465



62.2340, 8.2656, -37.9162



74.7450, 3.5767, 19.5176

Square

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



62.2340, 8.2656, -37.9162



72.2450, 15.1622, -9.8619



74.1280, -4.0071, 25.3207



70.9500, -14.2723, 4.4289

Rectangle

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



62.2340, 8.2656, -37.9162



64.9600, 17.2747, -34.1679



74.1280, -4.0071, 25.3207



72.8640, -13.7370, 19.4133

Sweetspot

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



62.2340, 8.2656, -37.9162



97.7100, 3.1010, -14.6547



55.9920, -18.2371, -30.6880



49.4010, 1.7743, -9.1217



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



62.2340, 8.2656, -37.9162



75.5410, 12.5513, -59.2335



45.4390, 17.5316, -23.1870



39.8040, 0.5896, -2.4591



73.1490, 13.7305, -64.1517



161.8340, 31.1408, -141.9284

Inverse Universe

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



37.7660, -8.2656, 37.9162



37.3450, -12.9881, 59.3334



54.5610, -17.5316, 23.1870



38.1960, -0.5896, 2.4591



31.7370, -14.1673, 64.2517



70.1660, -31.1408, 141.9284

Previews

White Background



This preview shows how the YUV color 62.2340, 8.2656, -37.9162 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 62.2340, 8.2656, -37.9162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

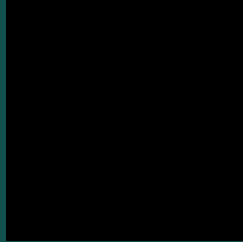
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.2340, 8.2656, -37.9162

Background



This preview shows how black text looks on a background with the YUV color 62.2340, 8.2656, -37.9162.



This preview shows how white text looks on a background with the YUV color 62.2340, 8.2656, -37.9162.

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

62.2340, 8.2656, -37.9162

Protanopia

72.5270, 0.7262, 0.4148

Deuteranopia

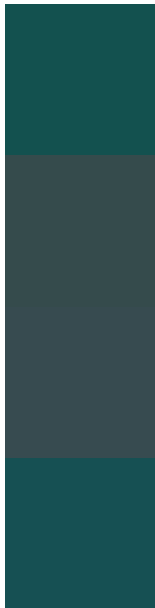
73.3360, 3.7784, 1.4593



Tritanopia

63.9400, 10.8756, -35.0274

Trichromacy



Original Color

62.2340, 8.2656, -37.9162

Protanomaly

68.5360, 3.6798, -13.6251

Deuteranomaly

69.5900, 5.1321, -12.7954

Tritanomaly

63.0000, 9.8600, -35.9570

Monochromacy



Original Color

62.2340, 8.2656, -37.9162

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0090, 2.9536, -14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2340, 8.2656, -37.9162 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, 81, 79)` looks like.

```
.text, #text, p{  
    color:rgb(19, 81, 79)  
}
```

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, 81, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 81, 79) }
```

Border

The CSS property to change the border of an element to YUV 62.2340, 8.2656, -37.9162 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, 81, 79) }
```


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

```
.border{ border-color:rgb(19, 81, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 81, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 81, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 81, 79);  
box-shadow:4px 4px 4px 4px rgb(19, 81, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.2340, 8.2656, -37.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 81, 79) }
```

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

```
.background{ background-color: rgb(19, 81,  
79) }
```

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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