

Converting Colors

YUV(87.2370, 10.2362,
-63.3518)

Have a look what the booklet for
YUV(87.2370, 10.2362, -63.3518)
contains.

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Color

**YUV(87.2370, 10.2362,
-63.3518)**

Conversions

Conversions Part 1

Format	Color
Hex	0F786C
RGB	15, 120, 108
RGB Percent	6%, 47%, 42%
CMY	0.9412, 0.5294, 0.5765
CMYK	0.88, 0.00, 0.10, 0.53
HSL	173°, 78%, 26%
HSV	173°, 88%, 47%
XYZ	9.6202, 14.6172, 16.5017
YIQ	87.2370, -58.7280, -25.9920

Conversions

Conversions Part 2

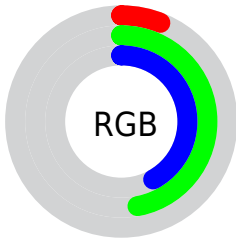
Format	Color
RYB	15, 71, 120
Decimal	1013868
CIELab	45.11, -30.37, -1.28
CIElCh	45, 30.396, 182.409
Yxy	14.6172, 0.2361, 0.3588
Android (android.graphics.Color)	4279203948 (0xFF0F786C)
YUV	87.2370, 10.2362, -63.3518
Hunter-Lab	38.2325, -21.9917, 1.1722

Details

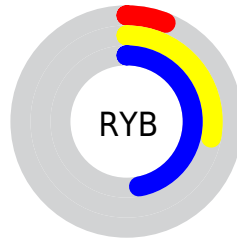
The YUV color **87.2370, 10.2362, -63.3518** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **47.7630, -10.2362, 63.3518**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4940, 7.1515, -53.9302**, and **48.6310, 6.0979, -42.6494** is the 20% darker color. If you saturate the color by 10%, you get **83.5350, 11.5682, -70.6292**, and if you desaturate by 10%, it is **90.9390, 8.9041, -56.0745**.

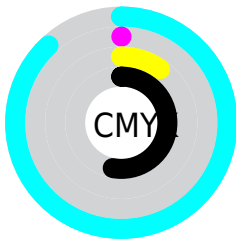
Distribution



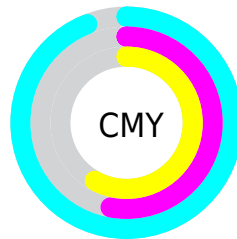
- Red (6%)
- Green (47%)
- Blue (42%)



- Red (6%)
- Yellow (28%)
- Blue (47%)



- Cyan (88%)
- Magenta (0%)
- Yellow (10%)
- Black (53%)



- Cyan (94%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2370, 10.2362, -63.3518 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 87.2370, 10.2362, -63.3518 by changing the saturation by 10% instead.

87.2370, 10.2362,
-63.3518

87.2370, 10.2362,
-63.3518

255.0000, 0.0000,
0.0000

65.3410, 9.1989,
-57.3041

144.4940, 7.1515,
-53.9302

48.6310, 6.0979,
-42.6494

171.7930, 7.0041,
-53.3155

32.0350, 3.4337,
-28.0947

200.3800, 6.7147,
-53.8303

18.0150, 0.4856,
-15.7992

227.2060, 7.2934,
-52.8007

0.0000, 0.0000,
0.0000

237.3590, 8.6970,
-36.2718

246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 87.2370, 10.2362,
-63.3518

■ 87.2370, 10.2362,
-63.3518

■ 83.5350, 11.5682,
-70.6292

■ 90.9390, 8.9041,
-56.0745

■ 82.5240, 11.5737,
-72.3735

■ 94.7550, 8.0088,
-48.8971

■ 98.4570, 6.6767,
-41.6198

■ 102.1590, 5.3446,
-34.3424

■ 105.9750, 4.4493,
-27.1651

■ 109.6770, 3.1172,
-19.8877

■ 113.4930, 2.2220,
-12.7104

■ 117.1950, 0.8899,
-5.4330

■ 120.8970, -0.4422,
1.8443

Harmonies

Analogous

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



97.4510, -7.6173, -30.2135



87.2370, 10.2362, -63.3518



85.0150, 23.6566, -74.5582

Triad

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



87.2370, 10.2362, -63.3518



108.7010, 20.3604, 2.8932



106.4650, -21.9212, 31.1642

Complementary

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



87.2370, 10.2362, -63.3518



47.7630, -10.2362, 63.3518

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.



107.5230, -13.0758, 40.7603



87.2370, 10.2362, -63.3518



110.2110, 10.2490, 26.1250

Square

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



87.2370, 10.2362, -63.3518



103.1100, 26.5678, -28.1605



108.6120, -1.2877, 39.8053



104.6710, -24.4878, 14.3205

Rectangle

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



87.2370, 10.2362, -63.3518



85.3230, 29.9138, -74.8283



108.6120, -1.2877, 39.8053



106.7690, -19.6061, 35.2826

Sweetspot

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



87.2370, 10.2362, -63.3518



143.1710, 3.8597, -24.7060



80.2230, -32.1549, -46.6766



71.4820, 2.2274, -14.4547



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



87.2370, 10.2362, -63.3518



107.3040, 15.1331, -94.1056



65.1250, 27.0534, -43.9596



59.2060, 0.8844, -3.6887



86.0290, 12.3107, -75.4474



173.4600, 24.9162, -152.1244

Inverse Universe

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



47.7630, -10.2362, 63.3518



48.6960, -15.1331, 94.1056



69.8750, -27.0534, 43.9596



56.9080, -0.4476, 3.5887



38.9710, -12.3107, 75.4474



78.6540, -24.4794, 152.0244

Previews

White Background



This preview shows how the YUV color 87.2370, 10.2362, -63.3518 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 × Fail

Black Background



This preview shows how the YUV color 87.2370, 10.2362, -63.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

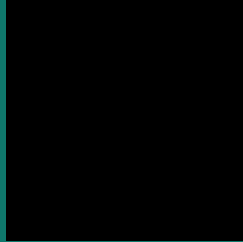
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2370, 10.2362, -63.3518

Background



This preview shows how black text looks on a background with the YUV color 87.2370, 10.2362, -63.3518.

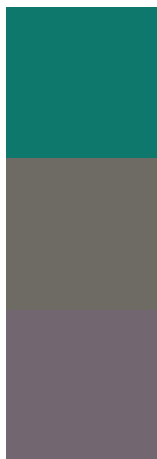


This preview shows how white text looks on a background with the YUV color 87.2370, 10.2362,

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

87.2370, 10.2362, -63.3518

Protanopia

106.5120, -3.2104, 3.0590

Deuteranopia

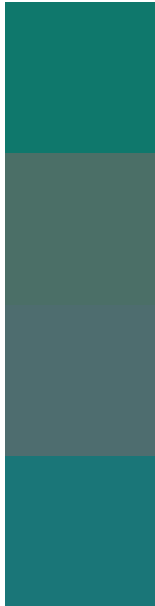
107.3150, 2.3097, 5.8627



Tritanopia

93.0240, 16.7502, -52.6410

Trichromacy



Original Color

87.2370, 10.2362, -63.3518

Protanomaly

99.3240, 1.8123, -21.3321

Deuteranomaly

99.9590, 5.4432, -19.2580

Tritanomaly

90.7200, 14.4350, -56.7594

Monochromacy



Original Color

87.2370, 10.2362, -63.3518

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1820, 3.8543, -22.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2370, 10.2362, -63.3518 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(15, 120, 108)` looks like.

```
.text, #text, p{  
    color:rgb(15, 120, 108)  
}
```

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(15, 120, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 120, 108) }
```

Border

The CSS property to change the border of an element to YUV 87.2370, 10.2362, -63.3518 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(15, 120, 108) }
```


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

```
.border{ border-color:rgb(15, 120, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 120, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 120, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 120, 108);  
box-shadow:4px 4px 4px 4px rgb(15, 120,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 87.2370, 10.2362, -63.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 120, 108) }
```

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

```
.background{ background-color: rgb(15, 120,  
108) }
```

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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