

Converting Colors

YUV(56.9790, 11.8424,
-18.3986)

Have a look what the booklet for
YUV(56.9790, 11.8424, -18.3986)
contains.

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Color

**YUV(56.9790, 11.8424,
-18.3986)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 243F51 |
| RGB | 36, 63, 81 |
| RGB Percent | 14%, 25%, 32% |
| CMY | 0.8588, 0.7529, 0.6824 |
| CMYK | 0.56, 0.22, 0.00, 0.68 |
| HSL | 204°, 38%, 23% |
| HSV | 204°, 56%, 32% |
| XYZ | 3.9903, 4.5242, 8.4475 |
| YIQ | 56.9790, -21.8700, -0.1260 |

Conversions

Conversions Part 2

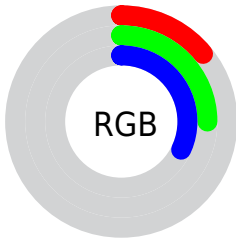
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 36, 53, 81 |
| Decimal | 2375505 |
| CIE Lab | 25.33, -4.39, -14.04 |
| CIE LCh | 25, 14.705, 252.647 |
| Yxy | 4.5242, 0.2352, 0.2667 |
| Android (android.graphics.Color) | 4280565585 (0xFF243F51) |
| YUV | 56.9790, 11.8424, -18.3986 |
| Hunter-Lab | 21.2701, -3.7361, -8.6583 |

Details

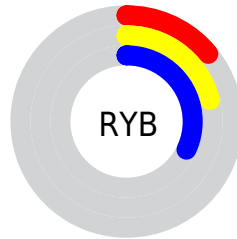
The YUV color **56.9790, 11.8424, -18.3986** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.0210, -11.8424, 18.3986**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0930, 12.2792, -18.4986**, and **16.4310, 9.6475, -14.4100** is the 20% darker color. If you saturate the color by 10%, you get **52.8260, 13.8898, -21.7724**, and if you desaturate by 10%, it is **61.1320, 9.7949, -15.0248**.

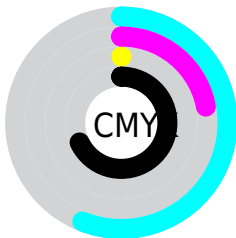
Distribution



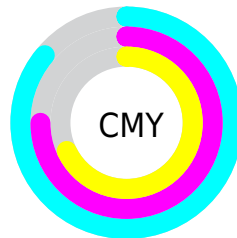
- Red (14%)
- Green (25%)
- Blue (32%)



- Red (14%)
- Yellow (21%)
- Blue (32%)



- Cyan (56%)
- Magenta (22%)
- Yellow (0%)
- Black (68%)



- Cyan (86%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.9790, 11.8424, -18.3986 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 56.9790, 11.8424, -18.3986 by changing the saturation by 10% instead.

■ 56.9790, 11.8424,
-18.3986

■ 56.9790, 11.8424,
-18.3986

■ 255.0000, 0.0000,
0.0000

■ 33.9680, 11.8478,
-20.1429

■ 105.0930, 12.2792,
-18.4986

■ 16.4310, 9.6475,
-14.4100

■ 130.2070, 12.7159,
-18.5985

■ 2.1830, 5.8258,
-1.9145

■ 156.3210, 13.1527,
-18.6985

■ 0.0000, 0.0000,
0.0000

■ 183.4350, 13.5895,
-18.7985

■ 211.1360, 13.7370,
-19.4133

■ 237.7680, 8.4954,

-18.2135

252.3090, 1.3267,
-5.5330

56.9790, 11.8424,
-18.3986

56.9790, 11.8424,
-18.3986

52.8260, 13.8898,
-21.7724

61.1320, 9.7949,
-15.0248

48.6730, 15.9372,
-25.1462

65.2850, 7.7475,
-11.6509

43.9330, 18.2740,
-28.0052

70.0250, 5.4107,
-8.7919

39.7800, 20.3215,
-31.3791

74.1780, 3.3632,
-5.4181

37.9970, 21.2005,
-33.3234

78.6300, 1.1684,
-1.4295

■ 82.7830, -0.8790,
1.9443

■ 87.5230, -3.2158,
4.8033

■ 91.6760, -5.2633,
8.1771

■ 95.8290, -7.3107,
11.5510

Harmonies

Analogous

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



54.1800, 10.2643, -25.5909



56.9790, 11.8424, -18.3986



59.5290, 11.0782, -6.6029

Triad

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



56.9790, 11.8424, -18.3986



61.4260, -2.6750, 18.0434



57.7190, -7.2565, -5.8926

Complementary

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



56.9790, 11.8424, -18.3986



60.0210, -11.8424, 18.3986

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.



58.9760, -10.3412, 3.5290



56.9790, 11.8424, -18.3986



60.7480, -7.7638, 16.8840

Square

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



56.9790, 11.8424, -18.3986



62.0710, 2.4300, 13.9697



60.0310, -10.3683, 12.2508



56.1460, -1.5510, -15.9140

Rectangle

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



56.9790, 11.8424, -18.3986



61.3020, 8.7251, 1.4891



60.0310, -10.3683, 12.2508



58.1000, -8.4303, -2.7187

Sweetspot

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



56.9790, 11.8424, -18.3986



94.9220, 4.9685, -6.9476



64.4670, -5.1602, -24.9656



47.7760, 3.0684, -4.1886



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.



56.9790, 11.8424, -18.3986



67.6340, 18.4214, -28.6200



43.4780, 18.4983, -6.5582



38.6300, 1.1684, -1.4295



48.9510, 27.6322, -42.9300



108.0410, 61.1118, -94.7520

Inverse Universe

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



52.5330, 5.1602, 24.9656



60.7180, 8.0270, 38.8353



73.5220, -18.4983, 6.5582



38.4240, 0.2840, 2.2592



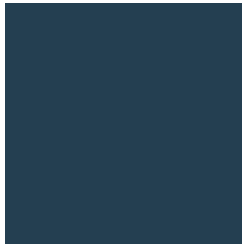
38.5770, 12.0405, 58.2530



85.2140, 26.5165, 128.7313

Previews

White Background



This preview shows how the YUV color 56.9790, 11.8424, -18.3986 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 56.9790, 11.8424, -18.3986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

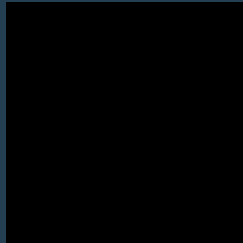
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

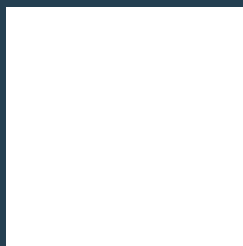
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 56.9790, 11.8424, -18.3986

Background



This preview shows how black text looks on a background with the YUV color 56.9790, 11.8424, -18.3986.



This preview shows how white text looks on a background with the YUV color 56.9790, 11.8424,

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

56.9790, 11.8424, -18.3986

Protanopia

59.9700, 8.8888, -4.3587

Deuteranopia

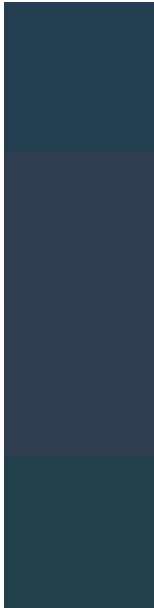
59.8280, 10.9308, -5.9882



Tritanopia

55.7030, 7.0484, -20.7875

Trichromacy



Original Color

56.9790, 11.8424, -18.3986

Protanomaly

58.5780, 10.0680, -9.2769

Deuteranomaly

58.6210, 11.5258, -10.1916

Tritanomaly

55.8710, 8.9376, -20.0579

Monochromacy



Original Color

56.9790, 11.8424, -18.3986

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8080, 4.5317, -6.8476

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.9790, 11.8424, -18.3986 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(36, 63, 81)` looks like.

```
.text, #text, p{  
    color:rgb(36, 63, 81)  
}
```

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(36, 63, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 63, 81) }
```

Border

The CSS property to change the border of an element to YUV 56.9790, 11.8424, -18.3986 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(36, 63, 81) }
```


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

```
.border{ border-color:rgb(36, 63, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 63, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 63, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 63, 81);  
box-shadow:4px 4px 4px 4px rgb(36, 63, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.9790, 11.8424, -18.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 63, 81) }
```

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

```
.background{ background-color: rgb(36, 63,  
81) }
```

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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