

Converting Colors

YUV(93.6640, 12.9836,
-11.1063)

Have a look what the booklet for
YUV(93.6640, 12.9836, -11.1063)
contains.

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Color

**YUV(93.6640, 12.9836,
-11.1063)**

Conversions

Conversions Part 1

Format	Color
Hex	515F78
RGB	81, 95, 120
RGB Percent	32%, 37%, 47%
CMY	0.6824, 0.6275, 0.5294
CMYK	0.33, 0.21, 0.00, 0.53
HSL	218°, 19%, 39%
HSV	218°, 32%, 47%
XYZ	10.8757, 11.2898, 19.3752
YIQ	93.6640, -16.3690, 4.8070

Conversions

Conversions Part 2

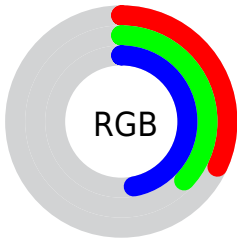
Format	Color
R_{YB}	81, 91, 120
Decimal	5332856
CIE _{Lab}	40.06, 1.08, -15.83
CIE _{LCh}	40, 15.867, 273.918
Yxy	11.2898, 0.2618, 0.2718
Android (android.graphics.Color)	4283522936 (0xFF515F78)
YUV	93.6640, 12.9836, -11.1063
Hunter-Lab	33.6003, -1.0239, -10.6687

Details

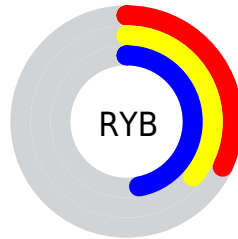
The YUV color **93.6640, 12.9836, -11.1063** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.3360, -12.9836, 11.1063**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8920, 13.8572, -11.3063**, and **47.0230, 11.8207, -11.4212** is the 20% darker color. If you saturate the color by 10%, you get **85.3800, 17.0677, -14.3653**, and if you desaturate by 10%, it is **101.9480, 8.8996, -7.8474**.

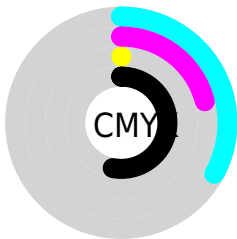
Distribution



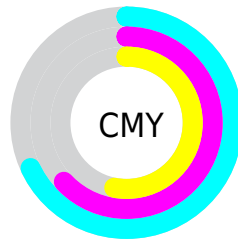
- Red (32%)
- Green (37%)
- Blue (47%)



- Red (32%)
- Yellow (36%)
- Blue (47%)



- Cyan (33%)
- Magenta (21%)
- Yellow (0%)
- Black (53%)



- Cyan (68%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6640, 12.9836, -11.1063 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 93.6640, 12.9836, -11.1063 by changing the saturation by 10% instead.

■ 93.6640, 12.9836,
-11.1063

■ 93.6640, 12.9836,
-11.1063

■ 255.0000, 0.0000,
0.0000

■ 69.5500, 12.5469,
-11.0063

■ 143.8920, 13.8572,
-11.3063

■ 47.0230, 11.8207,
-11.4212

■ 171.0060, 14.2940,
-11.4063

■ 25.3110, 11.6787,
-12.5507

■ 198.1200, 14.7308,
-11.5062

■ 3.7790, 11.9410,
-3.3142

■ 226.0060, 14.2940,
-11.4063

■ 0.0000, 0.0000,
0.0000

■ 250.8140, 2.0637,
-8.6069

■ 93.6640, 12.9836,
-11.1063

■ 93.6640, 12.9836,
-11.1063

■ 85.3800, 17.0677,
-14.3653

■ 101.9480, 8.8996,
-7.8474

■ 77.6830, 20.8623,
-18.1390

■ 109.6450, 5.1050,
-4.0737

■ 69.3990, 24.9463,
-21.3979

■ 117.9290, 1.0210,
-0.8147

■ 61.1150, 29.0303,
-24.6569

■ 126.2130, -3.0630,
2.4442

■ 53.4180, 32.8249,
-28.4306

■ 133.9100, -6.8576,
6.2179

■ 45.1340, 36.9089,
-31.6895

■ 142.1940,
-10.9416, 9.4769

■ 38.9210, 39.9719,
-34.1337

■ 150.4780,
-15.0257, 12.7358

■ 158.7620,

-19.1097, 15.9947

■ 166.4590,
-22.9043, 19.7685

Harmonies

Analogous

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



90.8860, 12.8742, -22.7020



93.6640, 12.9836, -11.1063



96.2420, 9.7407, 2.4188

Triad

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



93.6640, 12.9836, -11.1063



95.5960, -7.1958, 21.4023



90.5760, -3.7350, -15.4142

Complementary

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



93.6640, 12.9836, -11.1063



107.3360, -12.9836, 11.1063

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.



92.1600, -9.4459, -3.6483



93.6640, 12.9836, -11.1063



95.1240, -11.4001, 16.5543

Square

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



93.6640, 12.9836, -11.1063



96.3770, -1.6649, 20.7174



93.5420, -12.0992, 7.4177



89.0570, 3.4229, -24.6060

Rectangle

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



93.6640, 12.9836, -11.1063



96.7870, 6.5140, 10.7108



93.5420, -12.0992, 7.4177



91.0280, -5.9298, -11.4256

Sweetspot

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



93.6640, 12.9836, -11.1063



145.3460, 5.2524, -4.6884



106.7430, -0.3663, -22.5766



72.7870, 3.0630, -2.4442



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.



93.6640, 12.9836, -11.1063



114.8680, 20.2781, -17.4242



86.9410, 16.2981, -0.8253



56.8580, 2.0420, -1.6295



40.6650, 41.5772, -35.6632



82.1450, 83.7385, -72.0412

Inverse Universe

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



94.2570, 0.3663, 22.5766



115.7470, 0.6177, 35.3019



114.0590, -16.2981, 0.8253



57.0220, -0.0108, 3.4887



42.5050, 1.2300, 72.3481



85.7220, 2.6021, 145.8258

Previews

White Background



This preview shows how the YUV color 93.6640, 12.9836, -11.1063 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 93.6640, 12.9836, -11.1063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

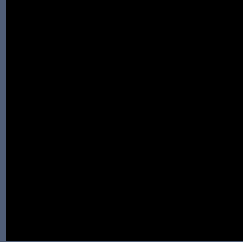
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

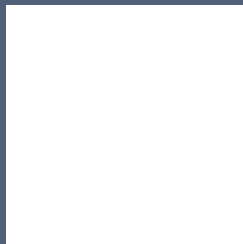
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.6640, 12.9836, -11.1063

Background



This preview shows how black text looks on a background with the YUV color 93.6640, 12.9836, -11.1063.



This preview shows how white text looks on a background with the YUV color 93.6640, 12.9836,

-11.1063.

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

93.6640, 12.9836, -11.1063

Protanopia

94.4690, 12.0938, -5.6733

Deuteranopia

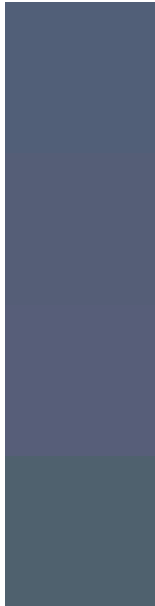
95.2950, 12.6726, -4.6437



Tritanopia

92.8180, 6.0057, -12.9954

Trichromacy



Original Color

93.6640, 12.9836, -11.1063

Protanomaly

94.1590, 12.2466, -8.0324

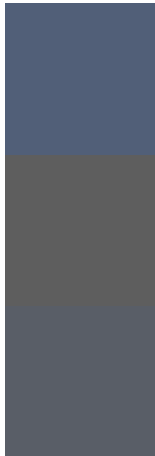
Deuteranomaly

94.9850, 12.8254, -7.0028

Tritanomaly

93.1000, 8.3317, -12.3657

Monochromacy



Original Color

93.6640, 12.9836, -11.1063

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.5310, 4.6682, -3.9737

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6640, 12.9836, -11.1063 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(81, 95, 120)` looks like.

```
.text, #text, p{  
    color:rgb(81, 95, 120)  
}
```

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(81, 95, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 95, 120) }
```

Border

The CSS property to change the border of an element to YUV 93.6640, 12.9836, -11.1063 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(81, 95, 120) }
```


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

```
.border{ border-color:rgb(81, 95, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 95, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 95, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 95, 120);  
box-shadow:4px 4px 4px 4px rgb(81, 95,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 93.6640, 12.9836, -11.1063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 95, 120) }
```

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

```
.background{ background-color: rgb(81, 95,  
120) }
```

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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