

Converting Colors

YUV(93.2600, 15.6478,
-25.6610)

Have a look what the booklet for
YUV(93.2600, 15.6478, -25.6610)
contains.

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Color

**YUV(93.2600, 15.6478,
-25.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	40667D
RGB	64, 102, 125
RGB Percent	25%, 40%, 49%
CMY	0.7490, 0.6000, 0.5098
CMYK	0.49, 0.18, 0.00, 0.51
HSL	203°, 32%, 37%
HSV	203°, 49%, 49%
XYZ	10.5674, 12.0734, 21.1755
YIQ	93.2600, -30.0310, -0.9030

Conversions

Conversions Part 2

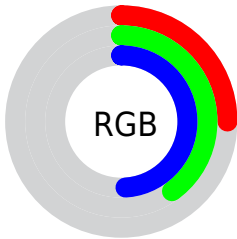
Format	Color
RYB	64, 87, 125
Decimal	4220541
CIELab	41.33, -6.70, -17.03
CIELCh	41, 18.295, 248.525
Yxy	12.0734, 0.2412, 0.2755
Android (android.graphics.Color)	4282410621 (0xFF40667D)
YUV	93.2600, 15.6478, -25.6610
Hunter-Lab	34.7468, -6.5205, -11.8099

Details

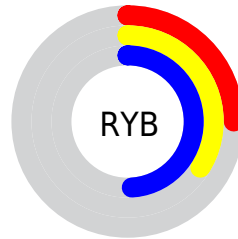
The YUV color **93.2600, 15.6478, -25.6610** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **95.7400, -15.6478, 25.6610**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4880, 16.5214, -25.8610**, and **43.3410, 16.1009, -30.9941** is the 20% darker color. If you saturate the color by 10%, you get **86.7370, 18.8637, -30.4643**, and if you desaturate by 10%, it is **100.0820, 12.2846, -20.2429**.

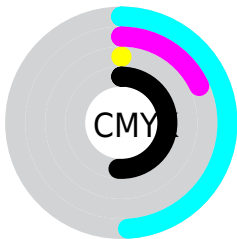
Distribution



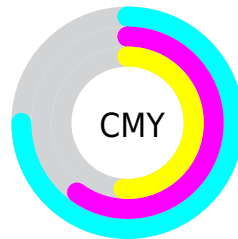
- Red (25%)
- Green (40%)
- Blue (49%)



- Red (25%)
- Yellow (34%)
- Blue (49%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2600, 15.6478, -25.6610 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 93.2600, 15.6478, -25.6610 by changing the saturation by 10% instead.

■ 93.2600, 15.6478,
-25.6610

■ 93.2600, 15.6478,
-25.6610

■ 255.0000, 0.0000,
0.0000

■ 68.5480, 15.5058,
-26.7906

■ 144.4880, 16.5214,
-25.8610

■ 43.3410, 16.1009,
-30.9941

■ 171.4880, 16.5214,
-25.8610

■ 26.0000, 13.3110,
-22.8020

■ 198.6020, 16.9582,
-25.9610

■ 10.1050, 10.7942,
-8.8621

■ 225.9180, 14.3374,
-25.3611

■ 0.5700, 2.1840,
-0.4999

■ 246.0300, 4.4222,
-18.4433

■ 0.0000, 0.0000,
0.0000

254.7010, 0.1474,

-0.6148

■ 93.2600, 15.6478,
-25.6610

■ 93.2600, 15.6478,
-25.6610

■ 86.7370, 18.8637,
-30.4643

■ 100.0820, 12.2846,
-20.2429

■ 80.5020, 21.9375,
-36.3973

■ 106.0180, 9.3581,
-14.9248

■ 73.9790, 25.1534,
-41.2006

■ 112.8400, 5.9949,
-9.5067

■ 67.1570, 28.5166,
-46.6187

■ 119.3630, 2.7790,
-4.7034

■ 60.6340, 31.7324,
-51.4220

■ 125.8860, -0.4368,
0.1000

■ 60.0360, 32.0273,
-52.6516

■ 132.1210, -3.5107,
6.0329

■ 138.9430, -6.8739,
11.4510

■ 145.4660,
-10.0897, 16.2543

■ 151.7010,
-13.1636, 22.1872

Harmonies

Analogous

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



90.4070, 12.6173, -33.6829



93.2600, 15.6478, -25.6610



96.8320, 14.8728, -10.3767

Triad

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



93.2600, 15.6478, -25.6610



99.1710, -2.5493, 24.4060



94.3230, -10.0192, -6.4223

Complementary

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



93.2600, 15.6478, -25.6610



95.7400, -15.6478, 25.6610

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.



96.3740, -13.9884, 6.6880



93.2600, 15.6478, -25.6610



98.3360, -9.5326, 24.2613

Square

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



93.2600, 15.6478, -25.6610



99.9620, 4.4557, 17.5733



97.8530, -13.7315, 17.6689



92.3690, -3.1399, -19.6176

Rectangle

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



93.2600, 15.6478, -25.6610



98.9150, 12.3669, 0.0745



97.8530, -13.7315, 17.6689



95.1880, -11.9247, -1.9189

Sweetspot

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



93.2600, 15.6478, -25.6610



150.5410, 6.1423, -10.1215



102.3150, -8.0433, -33.6023



73.9930, 3.9475, -6.1329



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



93.2600, 15.6478, -25.6610



113.1640, 24.5691, -40.4858



75.6500, 24.3296, -10.2170



60.1460, 1.9000, -2.7590



60.9650, 33.0483, -53.4663



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.5710, 7.6065, 33.7022



102.5440, 12.0568, 53.0199



113.3500, -24.3296, 10.2170



59.5490, 0.7153, 3.9035



47.2780, 15.6389, 70.7932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.2600, 15.6478, -25.6610 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 93.2600, 15.6478, -25.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

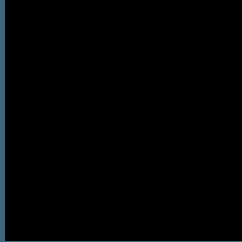
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.2600, 15.6478, -25.6610

Background



This preview shows how black text looks on a background with the YUV color 93.2600, 15.6478, -25.6610.



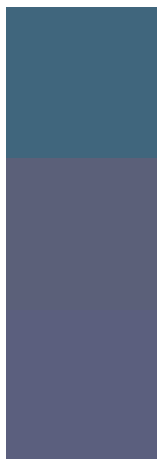
This preview shows how white text looks on a background with the YUV color 93.2600, 15.6478,

-25.6610.

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

93.2600, 15.6478, -25.6610

Protanopia

97.3550, 11.6570, -5.5733

Deuteranopia

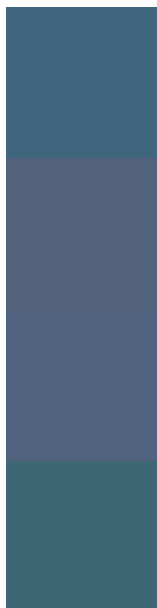
97.3380, 14.1304, -5.5584



Tritanopia

91.8700, 10.4171, -27.9500

Trichromacy



Original Color

93.2600, 15.6478, -25.6610

Protanomaly

95.6530, 12.9891, -12.8507

Deuteranomaly

96.1090, 14.7363, -13.2506

Tritanomaly

92.0380, 12.3063, -27.2203

Monochromacy



Original Color

93.2600, 15.6478, -25.6610

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8400, 5.9949, -9.5067

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2600, 15.6478, -25.6610 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(64, 102, 125)` looks like.

```
.text, #text, p{  
    color:rgb(64, 102, 125)  
}
```

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(64, 102, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 102, 125) }
```

Border

The CSS property to change the border of an element to YUV 93.2600, 15.6478, -25.6610 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(64, 102, 125) }
```


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

```
.border{ border-color:rgb(64, 102, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 102, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 102, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 102, 125);  
box-shadow:4px 4px 4px 4px rgb(64, 102,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 93.2600, 15.6478, -25.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 102, 125) }
```

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

```
.background{ background-color: rgb(64, 102,  
125) }
```

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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