

Converting Colors

YUV(75.2340, 25.0276,
-47.5632)

Have a look what the booklet for
YUV(75.2340, 25.0276, -47.5632)
contains.

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Color

**YUV(75.2340, 25.0276,
-47.5632)**

Conversions

Conversions Part 1

Format	Color
Hex	155D7E
RGB	21, 93, 126
RGB Percent	8%, 36%, 49%
CMY	0.9176, 0.6353, 0.5059
CMYK	0.83, 0.26, 0.00, 0.51
HSL	199°, 71%, 29%
HSV	199°, 83%, 49%
XYZ	7.9895, 9.4945, 21.1502
YIQ	75.2340, -53.5050, -5.0010

Conversions

Conversions Part 2

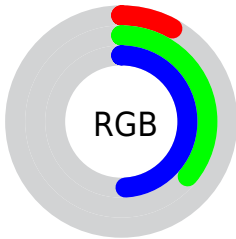
Format	Color
R_{YB}	21, 64, 126
Decimal	1400190
CIE Lab	36.92, -9.07, -24.59
CIE LCh	37, 26.209, 249.743
Yxy	9.4945, 0.2068, 0.2458
Android (android.graphics.Color)	4279590270 (0xFF155D7E)
YUV	75.2340, 25.0276, -47.5632
Hunter-Lab	30.8131, -7.6399, -19.1276

Details

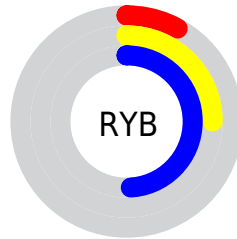
The YUV color **75.2340, 25.0276, -47.5632** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **71.7660, -25.0276, 47.5632**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4630, 24.4217, -39.8711**, and **36.3670, 20.0321, -31.8939** is the 20% darker color. If you saturate the color by 10%, you get **68.9990, 28.1015, -53.4961**, and if you desaturate by 10%, it is **81.4690, 21.9538, -41.6303**.

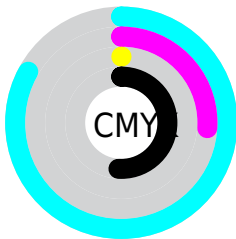
Distribution



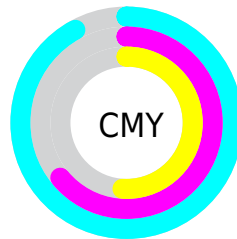
- Red (8%)
- Green (36%)
- Blue (49%)



- Red (8%)
- Yellow (25%)
- Blue (49%)



- Cyan (83%)
- Magenta (26%)
- Yellow (0%)
- Black (51%)



- Cyan (92%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2340, 25.0276, -47.5632 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 75.2340, 25.0276, -47.5632 by changing the saturation by 10% instead.

■ 75.2340, 25.0276,
-47.5632

■ 75.2340, 25.0276,
-47.5632

■ 255.0000, 0.0000,
0.0000

■ 52.0170, 24.1486,
-45.6189

■ 129.4630, 24.4217,
-39.8711

■ 36.3670, 20.0321,
-31.8939

■ 156.7620, 24.2743,
-39.2563

■ 22.0050, 15.7735,
-19.2984

■ 183.9900, 25.1479,
-39.4562

■ 4.8220, 13.3988,
-4.2289

■ 211.0780, 21.6535,
-38.6564

■ 0.5700, 2.1840,
-0.4999

■ 236.7720, 8.9864,
-35.7570

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,

-18.4433

■ 75.2340, 25.0276,
-47.5632

■ 75.2340, 25.0276,
-47.5632

■ 68.9990, 28.1015,
-53.4961

■ 81.4690, 21.9538,
-41.6303

■ 64.8460, 30.1489,
-56.8699

■ 87.4050, 19.0273,
-36.3122

■ 93.6400, 15.9535,
-30.3793

■ 99.5760, 13.0270,
-25.0612

■ 105.8110, 9.9532,
-19.1282

■ 112.0460, 6.8793,
-13.1953

■ 117.9820, 3.9529,
-7.8772

■ 124.2170, 0.8790,
-1.9443

■ 130.1530, -2.0474,
3.3738

Harmonies

Analogous

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



69.8210, 21.2872, -61.2330



75.2340, 25.0276, -47.5632



85.3950, 21.0043, -17.0094

Triad

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



75.2340, 25.0276, -47.5632



88.2970, -3.5974, 33.9425



81.9760, -13.7922, -9.6260

Complementary

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



75.2340, 25.0276, -47.5632



71.7660, -25.0276, 47.5632

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.



84.7780, -20.1036, 8.0877



75.2340, 25.0276, -47.5632



87.4680, -13.0487, 32.0386

Square

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



75.2340, 25.0276, -47.5632



89.4730, 6.1758, 25.8952



86.3930, -19.4207, 22.4573



78.0040, -2.9600, -30.6985

Rectangle

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



75.2340, 25.0276, -47.5632



88.1800, 17.1663, 0.7191



86.3930, -19.4207, 22.4573



83.2110, -16.8660, -3.6930

Sweetspot

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



75.2340, 25.0276, -47.5632



143.1100, 9.8058, -18.5135



86.2830, -16.4085, -57.2532



69.8290, 6.0003, -11.2510



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.



75.2340, 25.0276, -47.5632



84.3260, 38.7863, -73.9539



45.2970, 39.7866, -21.3085



60.7330, 1.6106, -3.2738



65.6610, 30.7331, -57.5847



0.0000, 0.0000, 0.0000

Inverse Universe

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



60.6030, 15.9717, 57.3532



61.5050, 24.8940, 89.0111



101.7030, -39.7866, 21.3085



59.6630, 1.1521, 3.8035



48.1900, 19.1333, 69.9934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.2340, 25.0276, -47.5632 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 75.2340, 25.0276, -47.5632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

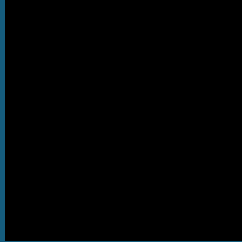
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.2340, 25.0276, -47.5632

Background



This preview shows how black text looks on a background with the YUV color 75.2340, 25.0276, -47.5632.

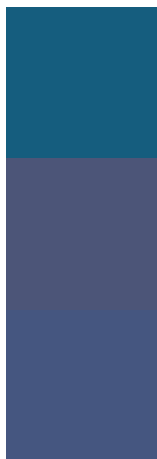


This preview shows how white text looks on a background with the YUV color 75.2340, 25.0276,

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

75.2340, 25.0276, -47.5632

Protanopia

86.2990, 16.6146, -9.0322

Deuteranopia

85.7050, 20.8514, -14.6503



Tritanopia

68.2080, 17.6455, -59.8184

Trichromacy



Original Color

75.2340, 25.0276, -47.5632

Protanomaly

82.3080, 19.5682, -23.0721

Deuteranomaly

82.2690, 22.0524, -26.5459

Tritanomaly

70.9250, 20.2500, -55.1852

Monochromacy



Original Color

75.2340, 25.0276, -47.5632

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2950, 9.2216, -17.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2340, 25.0276, -47.5632 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(21, 93, 126)` looks like.

```
.text, #text, p{  
    color:rgb(21, 93, 126)  
}
```

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(21, 93, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 93, 126) }
```

Border

The CSS property to change the border of an element to YUV 75.2340, 25.0276, -47.5632 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(21, 93, 126) }
```


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

```
.border{ border-color:rgb(21, 93, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 93, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 93, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 93, 126);  
box-shadow:4px 4px 4px 4px rgb(21, 93,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 75.2340, 25.0276, -47.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 93, 126) }
```

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

```
.background{ background-color: rgb(21, 93,  
126) }
```

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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