

Converting Colors

YUV(62.8910, 25.1967,
-55.1554)

Have a look what the booklet for
YUV(62.8910, 25.1967, -55.1554)
contains.

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Color

**YUV(62.8910, 25.1967,
-55.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	005572
RGB	0, 85, 114
RGB Percent	0%, 33%, 45%
CMY	1.0000, 0.6667, 0.5529
CMYK	1.00, 0.25, 0.00, 0.55
HSL	195°, 100%, 22%
HSV	195°, 100%, 45%
XYZ	6.2858, 7.7119, 17.0768
YIQ	62.8910, -59.9690, -9.0010

Conversions

Conversions Part 2

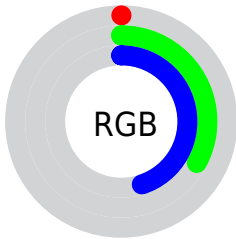
Format	Color
RYB	0, 49, 114
Decimal	21874
CIELab	33.38, -10.63, -22.73
CIELCh	33, 25.088, 244.937
Yxy	7.7119, 0.2023, 0.2482
Android (android.graphics.Color)	4278211954 (0xFF005572)
YUV	62.8910, 25.1967, -55.1554
Hunter-Lab	27.7703, -8.1949, -17.0201

Details

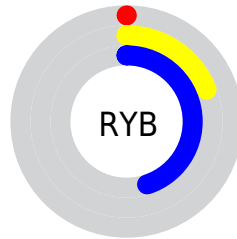
The YUV color **62.8910, 25.1967, -55.1554** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **51.1090, -25.1967, 55.1554**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9960, 22.6800, -41.2155**, and **31.0040, 17.2530, -27.1905** is the 20% darker color. If you saturate the color by 10%, you get **62.8910, 25.1967, -55.1554**, and if you desaturate by 10%, it is **67.9410, 22.7071, -49.9373**.

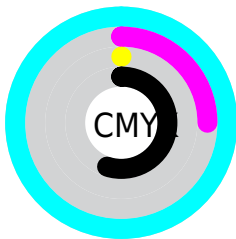
Distribution



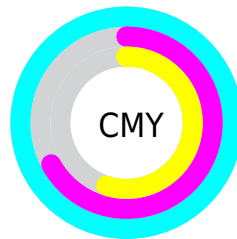
- Red (0%)
- Green (33%)
- Blue (45%)



- Red (0%)
- Yellow (19%)
- Blue (45%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8910, 25.1967, -55.1554 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 62.8910, 25.1967, -55.1554 by changing the saturation by 10% instead.

■ 62.8910, 25.1967,
-55.1554

■ 62.8910, 25.1967,
-55.1554

■ 255.0000, 0.0000,
0.0000

■ 46.5400, 20.9328,
-40.8156

■ 119.9960, 22.6800,
-41.2155

■ 31.0040, 17.2530,
-27.1905

■ 146.7080, 22.8220,
-40.0859

■ 16.7560, 13.4313,
-14.6950

■ 173.8220, 23.2588,
-40.1859

■ 3.2090, 9.7570,
-2.8143

■ 201.9360, 23.6956,
-40.2859

■ 0.0000, 0.0000,
0.0000

■ 227.6130, 13.5018,
-37.3716

■ 242.4420, 6.1911,

-25.8206

251.4120, 1.7689,
-7.3773

62.8910, 25.1967,
-55.1554

67.9410, 22.7071,
-49.9373

73.2900, 20.0700,
-44.1043

78.3400, 17.5804,
-38.8862

83.6890, 14.9433,
-33.0533

88.7390, 12.4537,
-27.8351

■ 93.2020, 10.2534,
-22.1022

■ 98.5510, 7.6164,
-16.2692

■ 103.6010, 5.1267,
-11.0511

■ 108.9500, 2.4897,
-5.2181

Harmonies

Analogous

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



63.1700, 18.6502, -55.4001



62.8910, 25.1967, -55.1554



75.6720, 20.8677, -19.8833

Triad

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



62.8910, 25.1967, -55.1554



79.7420, -1.8448, 31.7983



74.4710, -14.5292, -6.5521

Complementary

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



62.8910, 25.1967, -55.1554



51.1090, -25.1967, 55.1554

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.



76.4300, -18.9460, 10.1469



62.8910, 25.1967, -55.1554



79.0380, -10.8647, 31.5387

Square

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



62.8910, 25.1967, -55.1554



80.7930, 7.4971, 22.1065



77.9740, -17.2422, 23.7018



70.5810, -4.7234, -25.0655

Rectangle

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



62.8910, 25.1967, -55.1554



79.4460, 17.0351, -3.8991



77.9740, -17.2422, 23.7018



75.0480, -16.2927, -0.9191

Sweetspot

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



62.8910, 25.1967, -55.1554



128.3870, 9.6692, -21.3874



70.2240, -20.3234, -61.5864



61.8180, 6.0057, -12.9954



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



62.8910, 25.1967, -55.1554



81.4420, 32.8131, -71.4246



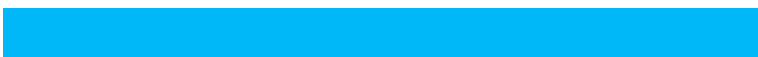
30.0190, 41.4026, -26.3267



53.6190, 1.1738, -3.1739



65.9230, 26.6600, -57.8145



136.1660, 54.6412, -119.4176

Inverse Universe

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



43.7760, 20.3234, 61.5864



56.7920, 26.2315, 79.9894



84.5680, -41.6920, 25.8119



52.3640, 1.2995, 3.1888



46.0260, 21.1862, 64.8752



94.8290, 43.9613, 133.4540

Previews

White Background



This preview shows how the YUV color 62.8910, 25.1967, -55.1554 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 62.8910, 25.1967, -55.1554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

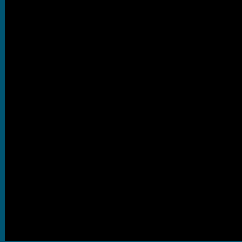
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8910, 25.1967, -55.1554

Background



This preview shows how black text looks on a background with the YUV color 62.8910, 25.1967, -55.1554.



This preview shows how white text looks on a background with the YUV color 62.8910, 25.1967,

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

62.8910, 25.1967, -55.1554

Protanopia

79.0280, 14.2832, -7.9176

Deuteranopia

77.8470, 18.8094, -13.0208



Tritanopia

62.3720, 15.5926, -54.7002

Trichromacy



Original Color

62.8910, 25.1967, -55.1554

Protanomaly

73.5420, 17.9738, -25.0313

Deuteranomaly

72.6170, 20.8948, -28.6051

Tritanomaly

62.5830, 18.9396, -54.8853

Monochromacy



Original Color

62.8910, 25.1967, -55.1554

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9850, 9.3744, -20.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8910, 25.1967, -55.1554 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(0, 85, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 114)  
}
```

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(0, 85, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 114) }
```

Border

The CSS property to change the border of an element to YUV 62.8910, 25.1967, -55.1554 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(0, 85, 114) }
```


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

```
.border{ border-color:rgb(0, 85, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 85, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 114)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.8910, 25.1967, -55.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 114) }
```

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

```
.background{ background-color: rgb(0, 85,  
114) }
```

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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