

Converting Colors

YUV(62.6390, 4.1220, -15.4694)

Have a look what the booklet for
YUV(62.6390, 4.1220, -15.4694)
contains.

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Color

**YUV(62.6390, 4.1220,
-15.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4647
RGB	45, 70, 71
RGB Percent	18%, 27%, 28%
CMY	0.8235, 0.7255, 0.7216
CMYK	0.37, 0.01, 0.00, 0.72
HSL	182°, 22%, 23%
HSV	182°, 37%, 28%
XYZ	4.4097, 5.3931, 6.7698
YIQ	62.6390, -15.2210, -4.9890

Conversions

Conversions Part 2

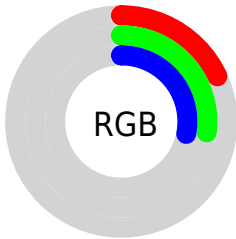
Format	Color
R_{YB}	45, 58, 71
Decimal	2967111
CIE _{Lab}	27.83, -9.24, -3.67
CIE _{LCh}	28, 9.946, 201.647
Yxy	5.3931, 0.2661, 0.3254
Android (android.graphics.Color)	4281157191 (0xFF2D4647)
YUV	62.6390, 4.1220, -15.4694
Hunter-Lab	23.2231, -6.7464, -1.0275

Details

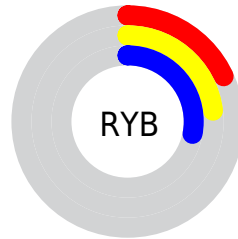
The YUV color **62.6390, 4.1220, -15.4694** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **53.3610, -4.1220, 15.4694**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.3400, 4.2694, -16.0842**, and **19.0410, 4.4168, -16.6990** is the 20% darker color. If you saturate the color by 10%, you get **60.5460, 5.1538, -19.7728**, and if you desaturate by 10%, it is **64.7320, 3.0901, -11.1660**.

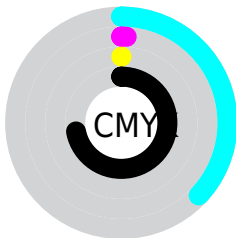
Distribution



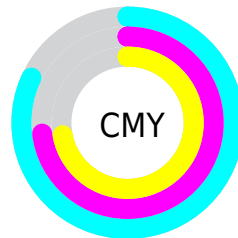
- Red (18%)
- Green (27%)
- Blue (28%)



- Red (18%)
- Yellow (23%)
- Blue (28%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (72%)



- Cyan (82%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6390, 4.1220, -15.4694 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 62.6390, 4.1220, -15.4694 by changing the saturation by 10% instead.

■ 62.6390, 4.1220,
-15.4694

■ 62.6390, 4.1220,
-15.4694

■ 255.0000, 0.0000,
0.0000

■ 40.6390, 4.1220,
-15.4694

■ 110.3400, 4.2694,
-16.0842

■ 19.0410, 4.4168,
-16.6990

■ 136.0410, 4.4168,
-16.6990

■ 0.0000, 0.0000,
0.0000

■ 162.6280, 4.1274,
-17.2138

■ 189.7420, 4.5642,
-17.3137

■ 217.4430, 4.7116,
-17.9285

■ 246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 62.6390, 4.1220,
-15.4694

■ 62.6390, 4.1220,
-15.4694

■ 60.5460, 5.1538,
-19.7728

■ 64.7320, 3.0901,
-11.1660

■ 57.8660, 6.4751,
-23.5615

■ 67.4120, 1.7689,
-7.3773

■ 55.7730, 7.5069,
-27.8649

■ 69.5050, 0.7370,
-3.0739

■ 53.6800, 8.5388,
-32.1684

■ 71.5980, -0.2948,
1.2296

■ 51.5870, 9.5706,
-36.4718

■ 73.9900, -1.4741,
6.1478

■ 48.6080, 11.0393,
-40.8752

■ 76.6700, -2.7953,
9.9364

■ 48.0100, 11.3341,
-42.1048

■ 78.7630, -3.8272,
14.2398

■ 80.8560, -4.8590,
18.5433

■ 82.9490, -5.8909,
22.8467

Harmonies

Analogous

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



62.9230, 0.0380, -12.2105



62.6390, 4.1220, -15.4694



63.3340, 6.7373, -14.3249

Triad

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



62.6390, 4.1220, -15.4694



67.0700, 3.9095, 6.0776



65.5080, -7.1524, 7.4475

Complementary

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



62.6390, 4.1220, -15.4694



53.3610, -4.1220, 15.4694

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.



66.1710, -6.0003, 11.2510



62.6390, 4.1220, -15.4694



66.8920, 0.5462, 11.4957

Square

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



62.6390, 4.1220, -15.4694



65.8240, 6.9888, -1.5996



67.1650, -3.5323, 13.0103



64.8770, -6.8414, 0.9849

Rectangle

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



62.6390, 4.1220, -15.4694



64.2850, 7.7475, -11.6509



67.1650, -3.5323, 13.0103



66.1060, -7.4473, 8.6770

Sweetspot

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



62.6390, 4.1220, -15.4694



88.4230, 1.7635, -5.6330



60.3760, -7.0874, -13.4848



44.2060, 0.8844, -3.6887



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



62.6390, 4.1220, -15.4694



78.5670, 6.6225, -24.1763



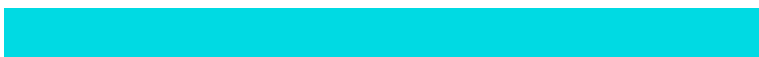
55.0080, 7.8841, -8.7770



34.8040, 0.5896, -2.4591



67.6380, 15.4615, -59.3185



153.8440, 36.0659, -134.9212

Inverse Universe

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



55.6240, 7.0874, 13.4848



67.7050, 10.9914, 21.3067



60.9920, -7.8841, 8.7770



33.6520, 1.1576, 2.0592



40.5450, 27.3393, 51.2650



92.7250, 61.7606, 117.7592

Previews

White Background



This preview shows how the YUV color 62.6390, 4.1220, -15.4694 looks on a white background.

Color Contrast Check

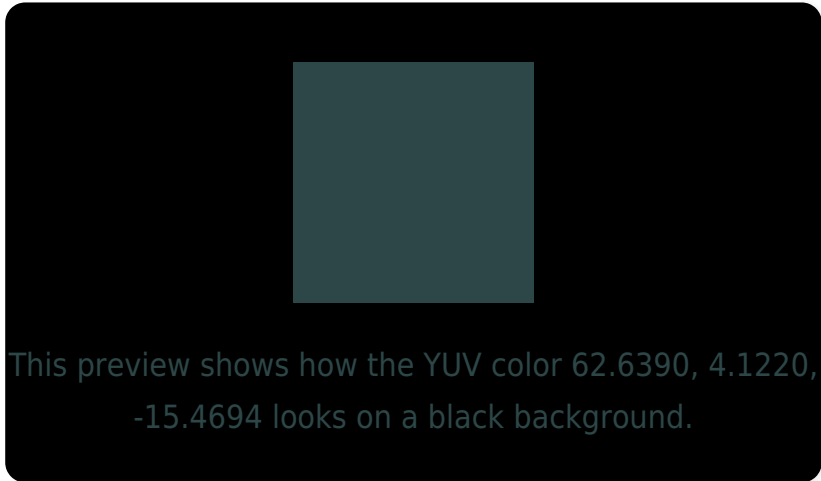
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

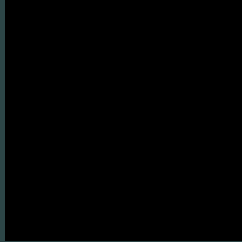
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.6390, 4.1220, -15.4694

Background



This preview shows how black text looks on a background with the YUV color 62.6390, 4.1220, -15.4694.



This preview shows how white text looks on a background with the YUV color 62.6390, 4.1220, -15.4694.

-15.4694.

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

62.6390, 4.1220, -15.4694

Protanopia

65.6410, 1.1630, 0.3148

Deuteranopia

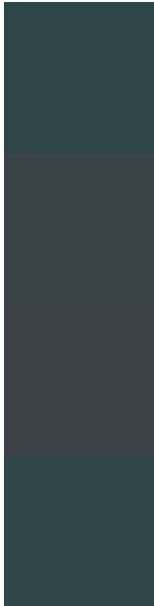
66.4070, 2.7573, 2.2741



Tritanopia

62.8070, 6.0111, -14.7397

Trichromacy



Original Color

62.6390, 4.1220, -15.4694

Protanomaly

64.5370, 2.2003, -5.7329

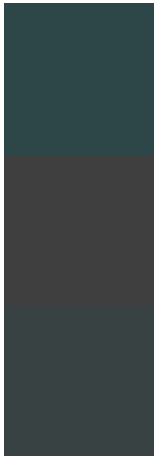
Deuteranomaly

64.8900, 3.5052, -4.2885

Tritanomaly

62.6930, 5.5744, -14.6398

Monochromacy



Original Color

62.6390, 4.1220, -15.4694

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6390, 4.1220, -15.4694 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(45, 70, 71)` looks like.

```
.text, #text, p{  
    color:rgb(45, 70, 71)  
}
```

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(45, 70, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 70, 71) }
```

Border

The CSS property to change the border of an element to YUV 62.6390, 4.1220, -15.4694 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(45, 70, 71) }
```


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

```
.border{ border-color:rgb(45, 70, 71) }
```

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

Here you see how a box with a 4 pixel rgb(45, 70, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 70, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 70, 71);  
box-shadow:4px 4px 4px 4px rgb(45, 70, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.6390, 4.1220, -15.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 70, 71) }
```

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

```
.background{ background-color: rgb(45, 70,  
71) }
```

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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