

Converting Colors

YUV(62.6520, -15.6044,
11.7062)

Have a look what the booklet for
YUV(62.6520, -15.6044, 11.7062)
contains.

YUV(62.6520, -15.6044, 11.7062)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(62.6520, -15.6044,
11.7062)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3E1F
RGB	76, 62, 31
RGB Percent	30%, 24%, 12%
CMY	0.7020, 0.7569, 0.8784
CMYK	0.00, 0.18, 0.59, 0.70
HSL	41°, 42%, 21%
HSV	41°, 59%, 30%
XYZ	4.9504, 5.0807, 2.0161
YIQ	62.6520, 18.2950, -6.6730

Conversions

Conversions Part 2

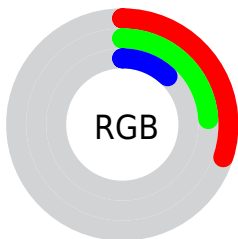
Format	Color
RYB	51, 76, 31
Decimal	4996639
CIELab	26.96, 1.54, 21.16
CIELCh	27, 21.220, 85.841
Yxy	5.0807, 0.4109, 0.4217
Android (android.graphics.Color)	4283186719 (0xFF4C3E1F)
YUV	62.6520, -15.6044, 11.7062
Hunter-Lab	22.5404, -0.2425, 10.4752

Details

The YUV color **62.6520, -15.6044, 11.7062** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **44.3480, 15.6044, -11.7062**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.3210, -16.9203, 13.7505**, and **20.7100, -10.2100, 8.1473** is the 20% darker color. If you saturate the color by 10%, you get **60.5660, -18.5200, 13.5356**, and if you desaturate by 10%, it is **64.7380, -12.6888, 9.8768**.

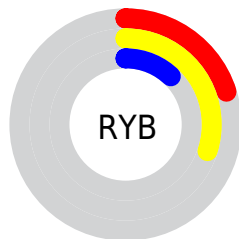
Distribution



Red (30%)

Green (24%)

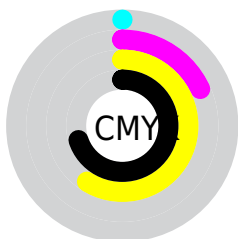
Blue (12%)



Red (20%)

Yellow (30%)

Blue (12%)

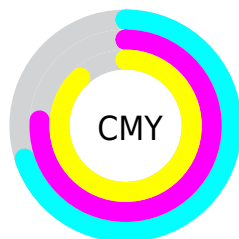


Cyan (0%)

Magenta (18%)

Yellow (59%)

Black (70%)



Cyan (70%)

Magenta (76%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6520, -15.6044, 11.7062 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 62.6520, -15.6044, 11.7062 by changing the saturation by 10% instead.

■ 62.6520, -15.6044,
11.7062

■ 62.6520, -15.6044,
11.7062

■ 255.0000, 0.0000,
0.0000

■ 39.9400, -15.7464,
10.5766

■ 110.3210,
-16.9203, 13.7505

■ 20.7100, -10.2100,
8.1473

■ 136.3920,
-17.9413, 14.5652

■ 0.0000, 0.0000,
0.0000

■ 162.5770,
-18.5255, 15.2800

■ 189.7620,
-19.1097, 15.9947

■ 217.0610,
-19.2571, 16.6095

■ 242.8430,

-18.6566, 10.6617

■ 252.6060, -9.1728,
2.0995

■ 62.6520, -15.6044,
11.7062

■ 62.6520, -15.6044,
11.7062

■ 60.5660, -18.5200,
13.5356

■ 64.7380, -12.6888,
9.8768

■ 58.0070, -20.7095,
15.7799

■ 67.2970, -10.4994,
7.6325

■ 55.9210, -23.6251,
17.6093

■ 69.3830, -7.5838,
5.8031

■ 53.9490, -26.1039,
19.3387

■ 71.3550, -5.1050,
4.0737

■ 53.2480, -26.2513,
19.9535

■ 74.0280, -2.4788,
1.7294

■ 76.1140, 0.4368,
-0.1000

■ 78.6730, 2.6262,
-2.3442

■ 80.7590, 5.5418,
-4.1736

■ 82.7310, 8.0206,
-5.9031

Harmonies

Analogous

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



63.4020, -13.0162, 21.5724



62.6520, -15.6044, 11.7062



61.1450, -13.3825, -1.0042

Triad

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



62.6520, -15.6044, 11.7062



51.0420, 12.7973, -44.7638



65.5640, 8.1029, 14.4144

Complementary

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



62.6520, -15.6044, 11.7062



44.3480, 15.6044, -11.7062

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.



64.3600, 14.1195, -2.0697



62.6520, -15.6044, 11.7062



51.3500, 19.0545, -45.0339

Square

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



62.6520, -15.6044, 11.7062



53.7030, 3.5974, -33.9425



59.8520, 17.8210, -22.6722



65.3820, 0.7977, 24.2210

Rectangle

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



62.6520, -15.6044, 11.7062



59.2300, -8.9874, -10.7257



59.8520, 17.8210, -22.6722



65.4000, 10.1558, 9.2962

Sweetspot

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



62.6520, -15.6044, 11.7062



94.1270, -5.9786, 4.2736



46.0510, -0.5181, 26.2653



47.9850, -3.9366, 2.6442



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



62.6520, -15.6044, 11.7062



78.1060, -24.2093, 18.3240



68.4780, -18.4767, -0.4192



36.9570, -1.4578, 0.9147



71.5880, -35.2929, 26.6713



161.5160, -79.6274, 60.0605

Inverse Universe

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



44.3480, 15.6044, -11.7062



49.8940, 24.2093, -18.3240



38.5220, 18.4767, 0.4192



35.6300, 1.1684, -1.4295



30.4120, 35.2929, -26.6713



67.8970, 79.9168, -59.5457

Previews

White Background



This preview shows how the YUV color 62.6520, -15.6044, 11.7062 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 62.6520, -15.6044, 11.7062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

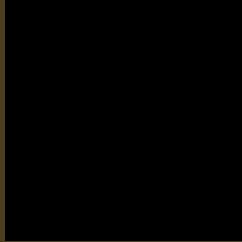
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.6520, -15.6044, 11.7062

Background



This preview shows how black text looks on a background with the YUV color 62.6520, -15.6044, 11.7062.



This preview shows how white text looks on a background with the YUV color 62.6520, -15.6044,

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

62.6520, -15.6044, 11.7062

Protanopia

62.4450, -15.0094, 7.5027

Deuteranopia

62.9620, -15.7573, 14.0653



Tritanopia

64.8490, -0.9116, 12.4104

Trichromacy



Original Color

62.6520, -15.6044, 11.7062

Protanomaly

62.4560, -15.0148, 9.2471

Deuteranomaly

62.6630, -15.6099, 13.4505

Tritanomaly

63.7690, -6.2951, 12.4806

Monochromacy



Original Color

62.6520, -15.6044, 11.7062

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1270, -5.9786, 4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6520, -15.6044, 11.7062 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(76, 62, 31)` looks like.

```
.text, #text, p{  
    color:rgb(76, 62, 31)  
}
```

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(76, 62, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 62, 31) }
```

Border

The CSS property to change the border of an element to YUV 62.6520, -15.6044, 11.7062 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(76, 62, 31) }
```


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

```
.border{ border-color:rgb(76, 62, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 62, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 62, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 62, 31);  
box-shadow:4px 4px 4px 4px rgb(76, 62, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.6520, -15.6044, 11.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 62, 31) }
```

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

```
.background{ background-color: rgb(76, 62,  
31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor