

Converting Colors

YUV(63.4520, 7.6652, -31.9684)

Have a look what the booklet for
YUV(63.4520, 7.6652, -31.9684)
contains.

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Color

**YUV(63.4520, 7.6652,
-31.9684)**

Conversions

Conversions Part 1

Format	Color
Hex	1B4F4F
RGB	27, 79, 79
RGB Percent	11%, 31%, 31%
CMY	0.8941, 0.6902, 0.6902
CMYK	0.66, 0.00, 0.00, 0.69
HSL	180°, 49%, 21%
HSV	180°, 66%, 31%
XYZ	4.6593, 6.3895, 8.3849
YIQ	63.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

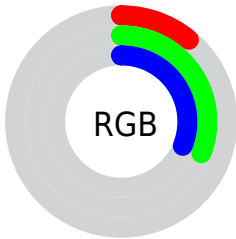
Format	Color
R_{YB}	27, 53, 79
Decimal	1789775
CIE _{Lab}	30.37, -16.90, -5.13
CIE _{LCh}	30, 17.662, 196.896
Yxy	6.3895, 0.2398, 0.3288
Android (android.graphics.Color)	4279979855 (0xFF1B4F4F)
YUV	63.4520, 7.6652, -31.9684
Hunter-Lab	25.2774, -11.3335, -1.9731

Details

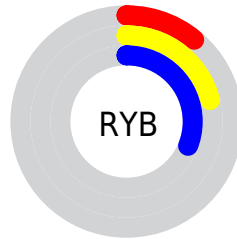
The YUV color **63.4520, 7.6652, -31.9684** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **42.5480, -7.6652, 31.9684**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0500, 7.3704, -30.7388**, and **23.9480, 5.4486, -21.0024** is the 20% darker color. If you saturate the color by 10%, you get **61.0600, 8.8444, -36.8866**, and if you desaturate by 10%, it is **65.8440, 6.4859, -27.0502**.

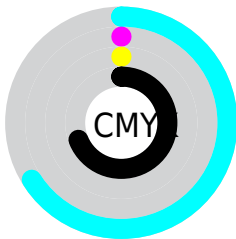
Distribution



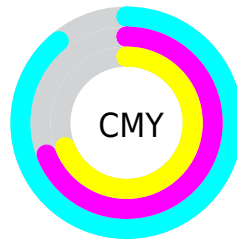
- Red (11%)
- Green (31%)
- Blue (31%)



- Red (11%)
- Yellow (21%)
- Blue (31%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)
- Black (69%)



- Cyan (89%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.4520, 7.6652, -31.9684 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 63.4520, 7.6652, -31.9684 by changing the saturation by 10% instead.

63.4520, 7.6652,
-31.9684

63.4520, 7.6652,
-31.9684

255.0000, 0.0000,
0.0000

39.2560, 8.2548,
-34.4275

113.0500, 7.3704,
-30.7388

23.9480, 5.4486,
-21.0024

139.0500, 7.3703,
-30.7389

3.2430, 4.8102,
-2.8441

165.7510, 7.5178,
-31.3536

0.0000, 0.0000,
0.0000

193.3380, 7.2284,
-31.8684

221.1530, 7.8126,
-32.5832

242.4420, 6.1911,

-25.8206

250.8140, 2.0637,
-8.6069

63.4520, 7.6652,
-31.9684

63.4520, 7.6652,
-31.9684

61.0600, 8.8444,
-36.8866

65.8440, 6.4859,
-27.0502

58.6680, 10.0237,
-41.8048

68.2360, 5.3067,
-22.1320

56.2760, 11.2029,
-46.7231

70.6280, 4.1274,
-17.2138

55.3790, 11.6452,
-48.5674

73.0200, 2.9481,
-12.2955

75.4120, 1.7689,
-7.3773

■ 77.5050, 0.7370,
-3.0739

■ 79.8970, -0.4422,
1.8443

■ 82.2890, -1.6215,
6.7625

■ 84.6810, -2.8007,
11.6808

Harmonies

Analogous

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



66.0420, -0.5137, -21.9618



63.4520, 7.6652, -31.9684



64.2330, 13.1961, -32.6533

Triad

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



63.4520, 7.6652, -31.9684



73.2320, 8.2666, 8.5665



71.3470, -12.9891, 12.8507

Complementary

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



63.4520, 7.6652, -31.9684



42.5480, -7.6652, 31.9684

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.



72.2000, -9.9586, 20.8726



63.4520, 7.6652, -31.9684



73.6910, 2.1243, 18.6880

Square

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



63.4520, 7.6652, -31.9684



71.6970, 12.9674, -5.8733



72.7040, -4.2911, 23.0616



69.8080, -12.2303, 2.7994

Rectangle

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



63.4520, 7.6652, -31.9684



66.6190, 14.4848, -25.9759



72.7040, -4.2911, 23.0616



71.5970, -12.1263, 16.1394

Sweetspot

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



63.4520, 7.6652, -31.9684



96.0200, 2.9481, -12.2955



57.5240, -15.0483, -26.7695



47.4120, 1.7689, -7.3773



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.



63.4520, 7.6652, -31.9684



77.7810, 11.9400, -49.7969



48.1900, 15.1893, -18.5836



36.8040, 0.5896, -2.4591



71.5020, 15.0355, -62.7073



161.2300, 33.9036, -141.3987

Inverse Universe

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



48.4760, 15.0483, 26.7695



54.4530, 23.4407, 41.6987



57.8100, -15.1893, 18.5836



35.6520, 1.1576, 2.0592



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 63.4520, 7.6652, -31.9684 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 63.4520, 7.6652, -31.9684 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

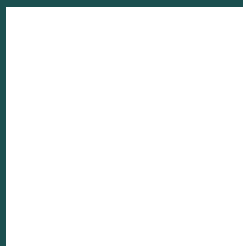
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 63.4520, 7.6652, -31.9684

Background



This preview shows how black text looks on a background with the YUV color 63.4520, 7.6652, -31.9684.



This preview shows how white text looks on a background with the YUV color 63.4520, 7.6652, -31.9684.

-31.9684.

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

63.4520, 7.6652, -31.9684

Protanopia

71.6410, 1.1630, 0.3148

Deuteranopia

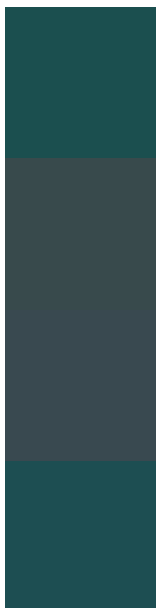
71.8630, 4.5045, 1.8741



Tritanopia

64.3320, 9.6963, -30.1092

Trichromacy



Original Color

63.4520, 7.6652, -31.9684

Protanomaly

68.8460, 3.5269, -11.2659

Deuteranomaly

69.0140, 5.4161, -10.5363

Tritanomaly

63.8050, 8.9701, -30.5240

Monochromacy



Original Color

63.4520, 7.6652, -31.9684

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3190, 2.8007, -11.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.4520, 7.6652, -31.9684 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(27, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(27, 79, 79)  
}
```

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(27, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 79, 79) }
```

Border

The CSS property to change the border of an element to YUV 63.4520, 7.6652, -31.9684 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(27, 79, 79) }
```


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

```
.border{ border-color:rgb(27, 79, 79) }
```

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

Here you see how a box with a 4 pixel rgb(27, 79, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(27, 79, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.4520, 7.6652, -31.9684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 79, 79) }
```

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

```
.background{ background-color: rgb(27, 79,  
79) }
```

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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