

Converting Colors

YUV(31.7540, 0.1213, 54.5897)

Have a look what the booklet for
YUV(31.7540, 0.1213, 54.5897)
contains.

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Color

**YUV(31.7540, 0.1213,
54.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	5E0020
RGB	94, 0, 32
RGB Percent	37%, 0%, 13%
CMY	0.6314, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.66, 0.63
HSL	340°, 100%, 18%
HSV	340°, 100%, 37%
XYZ	4.8768, 2.4840, 1.5889
YIQ	31.7540, 45.7520, 29.8800

Conversions

Conversions Part 2

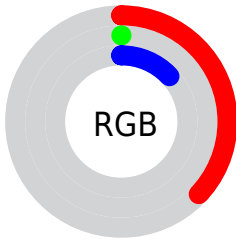
Format	Color
RYB	94, 0, 32
Decimal	6160416
CIELab	17.85, 39.91, 9.48
CIElCh	18, 41.019, 13.364
Yxy	2.4840, 0.5449, 0.2775
Android (android.graphics.Color)	4284350496 (0xFF5E0020)
YUV	31.7540, 0.1213, 54.5897
Hunter-Lab	15.7606, 27.6522, 5.0551

Details

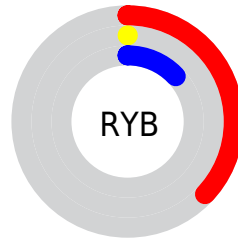
The YUV color **31.7540, 0.1213, 54.5897** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **62.2460, -0.1213, -54.5897**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.5600, -5.6991, 54.7599**, and **12.9710, -5.9017, 26.3354** is the 20% darker color. If you saturate the color by 10%, you get **31.7540, 0.1213, 54.5897**, and if you desaturate by 10%, it is **37.7210, 0.1375, 49.3567**.

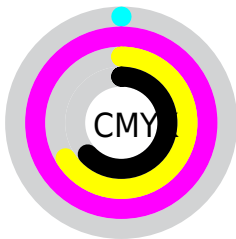
Distribution



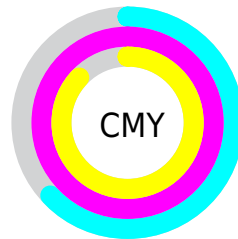
- Red (37%)
- Green (0%)
- Blue (13%)



- Red (37%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (63%)




- Cyan (63%)
- Magenta (100%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the YUV color 31.7540, 0.1213, 54.5897 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 31.7540, 0.1213, 54.5897 by changing the saturation by 10% instead.


 31.7540, 0.1213,
54.5897

 31.7540, 0.1213,
54.5897

 250.8910, 2.0257,
3.6036


 20.9450, -6.3819,
40.3902


 87.5600, -5.6991,
54.7599


 12.9710, -5.9017,
26.3354

 113.8160, -7.3043,
56.2894

 0.0000, 0.0000,
0.0000

 140.5990, -8.1833,
58.2337

 167.7950, -8.7729,
60.6928

 192.1040, -7.4463,
55.1598

 211.6180, -3.7557,

38.0460

■ 231.2460, 0.3717,
20.8323

■ 31.7540, 0.1213,
54.5897

■ 37.7210, 0.1375,
49.3567

■ 44.2750, -0.1356,
43.6088

■ 50.3560, 0.3175,
38.2758

■ 56.9100, 0.0444,
32.5279

■ 62.8770, 0.0606,
27.2949

■ 68.8440, 0.0769,
22.0618

■ 75.3980, -0.1962,
16.3140

■ 81.4790, 0.2569,
10.9809

■ 88.0330, -0.0163,
5.2331

Harmonies

Analogous

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



36.4890, 12.0839, 44.2981



31.7540, 0.1213, 54.5897



37.1660, -18.3228, 43.7044

Triad

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



31.7540, 0.1213, 54.5897



32.3180, -15.9328, -23.0809



42.0380, 29.0683, -36.8673

Complementary

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



31.7540, 0.1213, 54.5897



62.2460, -0.1213, -54.5897

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.



41.8610, 20.7745, -36.7121



31.7540, 0.1213, 54.5897



35.1350, -4.9966, -30.8134

Square

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



31.7540, 0.1213, 54.5897



40.4460, -19.9399, 2.2399



39.3700, 8.6916, -34.5275



36.8690, 32.1096, -32.3341

Rectangle

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



31.7540, 0.1213, 54.5897



40.6220, -20.0266, 30.1495



39.3700, 8.6916, -34.5275



42.1690, 27.0317, -36.9822

Sweetspot

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



31.7540, 0.1213, 54.5897



98.1320, -0.0651, 20.9322



28.9550, 32.0672, 28.1035



46.4900, 0.2514, 12.7253



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



31.7540, 0.1213, 54.5897



41.2660, 0.3619, 70.8037



36.3240, -17.9077, 50.5819



42.7230, 0.1366, 2.8739



37.1080, -0.0532, 63.9263



80.0970, 0.4452, 137.6039

Inverse Universe

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



31.7540, 0.1213, 54.5897



41.2660, 0.3619, 70.8037



57.6760, 17.9077, -50.5819



42.7230, 0.1366, 2.8739



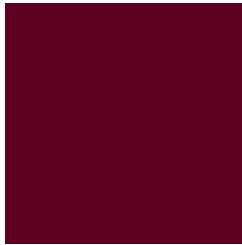
37.1080, -0.0532, 63.9263



80.0970, 0.4452, 137.6039

Previews

White Background



This preview shows how the YUV color 31.7540, 0.1213, 54.5897 looks on a white background.

Color Contrast Check

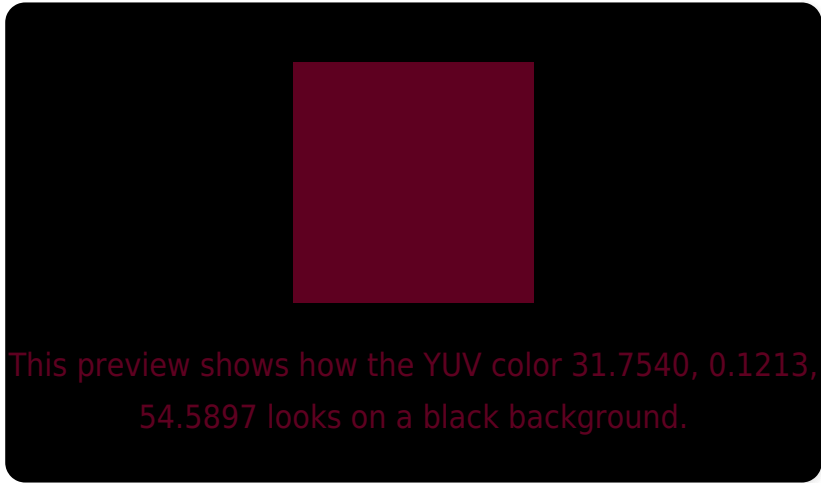
Large Text (above 18pt) WCAG AA ✓ Pass

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

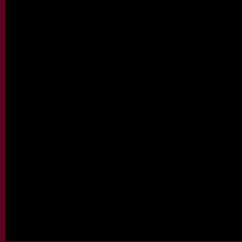
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.7540, 0.1213, 54.5897

Background



This preview shows how black text looks on a background with the YUV color 31.7540, 0.1213, 54.5897.



This preview shows how white text looks on a background with the YUV color 31.7540, 0.1213,

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

31.7540, 0.1213, 54.5897

Protanopia

48.1850, -0.5842, 0.7148

Deuteranopia

47.5360, -9.6312, 9.1769



Tritanopia

36.6920, -12.6662, 49.3821

Trichromacy



Original Color

31.7540, 0.1213, 54.5897

Protanomaly

42.4200, -0.2071, 19.8027

Deuteranomaly

41.5580, -6.1911, 25.8206

Tritanomaly

34.6690, -7.7248, 51.1563

Monochromacy



Original Color

31.7540, 0.1213, 54.5897

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8330, 0.0823, 20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.7540, 0.1213, 54.5897 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(94, 0, 32)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 32)  
}
```

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(94, 0, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 32) }
```

Border

The CSS property to change the border of an element to YUV 31.7540, 0.1213, 54.5897 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(94, 0, 32) }
```


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

```
.border{ border-color:rgb(94, 0, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 0, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 0, 32); box-shadow:4px  
4px 4px 4px rgb(94, 0, 32) }
```

Background

The CSS property to change the background color of an element to YUV 31.7540, 0.1213, 54.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 32) }
```

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

```
.background{ background-color: rgb(94, 0,  
32) }
```

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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