

Converting Colors

YUV(44.5690, -6.1965, 27.5650)

Have a look what the booklet for
YUV(44.5690, -6.1965, 27.5650)
contains.

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Color

**YUV(44.5690, -6.1965,
27.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	4C1F20
RGB	76, 31, 32
RGB Percent	30%, 12%, 13%
CMY	0.7020, 0.8784, 0.8745
CMYK	0.00, 0.59, 0.58, 0.70
HSL	359°, 42%, 21%
HSV	359°, 59%, 30%
XYZ	3.7312, 2.6208, 1.6757
YIQ	44.5690, 26.4990, 9.8510

Conversions

Conversions Part 2

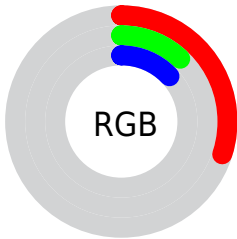
Format	Color
RYB	76, 31, 32
Decimal	4988704
CIELab	18.46, 21.41, 9.66
CIELCh	18, 23.491, 24.279
Yxy	2.6208, 0.4648, 0.3265
Android (android.graphics.Color)	4283178784 (0xFF4C1F20)
YUV	44.5690, -6.1965, 27.5650
Hunter-Lab	16.1888, 12.8104, 5.1950

Details

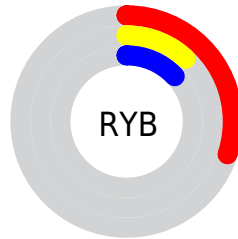
The YUV color **44.5690, -6.1965, 27.5650** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **62.4310, 6.1965, -27.5650**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1350, -7.9546, 31.4536**, and **8.4860, -3.6906, 17.1138** is the 20% darker color. If you saturate the color by 10%, you get **39.0750, -6.9390, 32.3832**, and if you desaturate by 10%, it is **50.0630, -5.4541, 22.7467**.

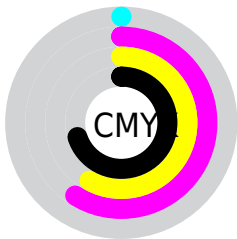
Distribution



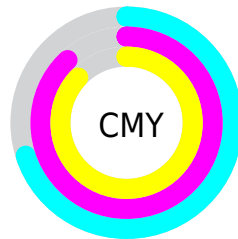
- Red (30%)
- Green (12%)
- Blue (13%)



- Red (30%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (58%)
- Black (70%)



- Cyan (70%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.5690, -6.1965, 27.5650 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 44.5690, -6.1965, 27.5650 by changing the saturation by 10% instead.

■ 44.5690, -6.1965,
27.5650

■ 44.5690, -6.1965,
27.5650

■ 255.0000, 0.0000,
0.0000

■ 21.8570, -6.3385,
26.4354

■ 92.1350, -7.9546,
31.4536

■ 8.4860, -3.6906,
17.1138

■ 117.0320, -8.3968,
33.2979

■ 0.0000, 0.0000,
0.0000

■ 142.6300, -8.6916,
34.5275

■ 169.1140, -9.4232,
35.8570

■ 196.7120, -9.7180,
37.0866

■ 221.1240, -7.9491,

29.7093

240.7520, -3.8217,
12.4955

44.5690, -6.1965,
27.5650

44.5690, -6.1965,
27.5650

39.0750, -6.9390,
32.3832

50.0630, -5.4541,
22.7467

34.0540, -8.4076,
36.7866

55.0840, -3.9854,
18.3433

28.5600, -9.1501,
41.6049

60.5780, -3.2430,
13.5251

23.5390, -10.6187,
46.0083

65.5990, -1.7743,
9.1217

22.9520, -10.3293,
46.5231

71.0930, -1.0318,
4.3034

■ 76.7010, 0.1474,
-0.6148

■ 81.6080, 1.1793,
-4.9182

■ 87.1020, 1.9217,
-9.7365

■ 92.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



45.3220, 1.8133, 25.1506



44.5690, -6.1965, 27.5650



44.7010, -13.1636, 22.1872

Triad

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



44.5690, -6.1965, 27.5650



38.9410, -7.3659, -17.4883



37.1820, 20.6163, -32.6086

Complementary

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



44.5690, -6.1965, 27.5650



62.4310, 6.1965, -27.5650

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.



38.7320, 16.4011, -33.9680



44.5690, -6.1965, 27.5650



35.7850, 2.5710, -31.3834

Square

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



44.5690, -6.1965, 27.5650



41.6890, -15.1297, -0.6043



37.7230, 9.9966, -33.0831



45.2780, 15.1459, -4.6288

Rectangle

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



44.5690, -6.1965, 27.5650



43.7450, -16.6363, 16.0096



37.7230, 9.9966, -33.0831



37.6550, 19.8901, -33.0234

Sweetspot

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



44.5690, -6.1965, 27.5650



87.0830, -2.5059, 10.4512



49.2860, 13.1700, 22.5512



43.2890, -1.6215, 6.7625



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.



44.5690, -6.1965, 27.5650



50.0440, -9.8817, 42.9344



56.7820, -12.7105, 16.8542



35.3100, -0.1528, 2.3591



30.7260, -14.1619, 62.5073



69.3400, -31.7196, 140.8988

Inverse Universe

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



44.5690, -6.1965, 27.5650



50.0440, -9.8817, 42.9344



50.2180, 12.7105, -16.8542



35.3100, -0.1528, 2.3591



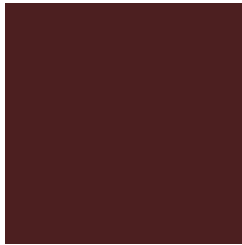
30.7260, -14.1619, 62.5073



69.3400, -31.7196, 140.8988

Previews

White Background



This preview shows how the YUV color 44.5690, -6.1965, 27.5650 looks on a white background.

Color Contrast Check

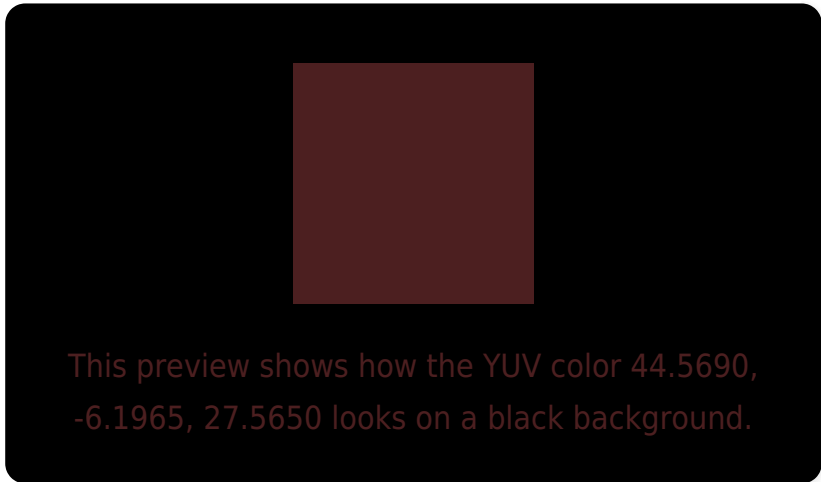
Large Text (above 18pt) WCAG AA ✓ Pass

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

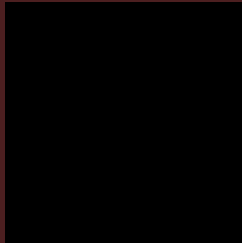
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.5690, -6.1965, 27.5650

Background



This preview shows how black text looks on a background with the YUV color 44.5690, -6.1965, 27.5650.



This preview shows how white text looks on a background with the YUV color 44.5690, -6.1965,

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

44.5690, -6.1965, 27.5650

Protanopia

45.8000, -3.3524, 1.9294

Deuteranopia

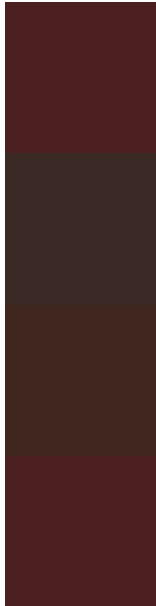
45.6930, -7.7366, 8.1622



Tritanopia

44.6830, -5.7597, 27.4650

Trichromacy



Original Color

44.5690, -6.1965, 27.5650

Protanomaly

45.5130, -4.6899, 10.9511

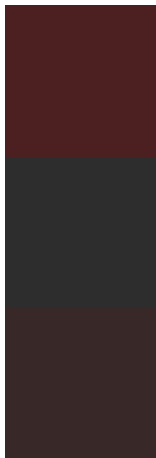
Deuteranomaly

45.2640, -7.0322, 15.5545

Tritanomaly

44.6830, -5.7597, 27.4650

Monochromacy



Original Color

44.5690, -6.1965, 27.5650

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.7840, -2.3585, 9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.5690, -6.1965, 27.5650 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, 31, 32)` looks like.

```
.text, #text, p{  
    color:rgb(76, 31, 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(76, 31, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 31, 32) }
```

Border

The CSS property to change the border of an element to YUV 44.5690, -6.1965, 27.5650 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, 31, 32) }
```


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

```
.border{ border-color:rgb(76, 31, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 31, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 31, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 31, 32);  
box-shadow:4px 4px 4px 4px rgb(76, 31, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.5690, -6.1965, 27.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 31, 32) }
```

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

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