

Converting Colors

YUV(45.7210, 13.4485, 26.5547)

Have a look what the booklet for
YUV(45.7210, 13.4485, 26.5547)
contains.

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Color

**YUV(45.7210, 13.4485,
26.5547)**

Conversions

Conversions Part 1

Format	Color
Hex	4C1949
RGB	76, 25, 73
RGB Percent	30%, 10%, 29%
CMY	0.7020, 0.9020, 0.7137
CMYK	0.00, 0.67, 0.04, 0.70
HSL	304°, 50%, 20%
HSV	304°, 67%, 30%
XYZ	4.5307, 2.7128, 6.5882
YIQ	45.7210, 14.9880, 25.7400

Conversions

Conversions Part 2

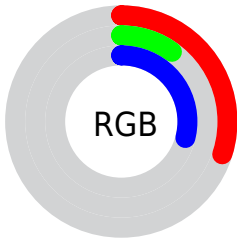
Format	Color
RYB	76, 25, 73
Decimal	4987209
CIELab	18.85, 31.06, -18.42
CIElCh	19, 36.109, 329.323
Yxy	2.7128, 0.3276, 0.1961
Android (android.graphics.Color)	4283177289 (0xFF4C1949)
YUV	45.7210, 13.4485, 26.5547
Hunter-Lab	16.4706, 20.2782, -12.1863

Details

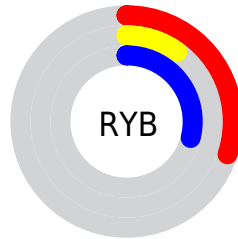
The YUV color **45.7210, 13.4485, 26.5547** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **55.2790, -13.4485, -26.5547**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1450, 13.7325, 28.8138**, and **13.2870, 8.2395, 17.2883** is the 20% darker color. If you saturate the color by 10%, you get **41.0250, 15.7637, 30.6731**, and if you desaturate by 10%, it is **50.4170, 11.1334, 22.4363**.

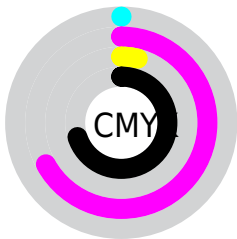
Distribution



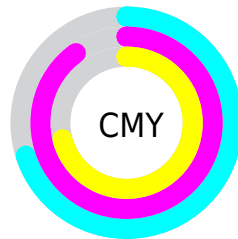
- Red (30%)
- Green (10%)
- Blue (29%)



- Red (30%)
- Yellow (10%)
- Blue (29%)



- Cyan (0%)
- Magenta (67%)
- Yellow (4%)
- Black (70%)



- Cyan (70%)
- Magenta (90%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7210, 13.4485, 26.5547 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 45.7210, 13.4485, 26.5547 by changing the saturation by 10% instead.

45.7210, 13.4485,
26.5547

45.7210, 13.4485,
26.5547

255.0000, 0.0000,
0.0000

21.8350, 13.8853,
26.4547

94.1450, 13.7325,
28.8138

13.2870, 8.2395,
17.2883

119.5580, 14.0219,
29.3286

0.0000, 0.0000,
0.0000

145.5690, 14.0165,
31.0730

172.9820, 14.3059,
31.5878

200.3950, 14.5953,
32.1026

224.4760, 15.0483,

26.7695

241.4990, 6.6560,
11.8404

45.7210, 13.4485,
26.5547

45.7210, 13.4485,
26.5547

41.0250, 15.7637,
30.6731

50.4170, 11.1334,
22.4363

36.8020, 17.3526,
34.3766

54.6400, 9.5445,
18.7327

32.1060, 19.6677,
38.4950

59.3360, 7.2294,
14.6143

30.9320, 20.2465,
39.5246

63.5590, 5.6404,
10.9108

68.2550, 3.3253,
6.7924

■ 73.0650, 1.4470,
2.5740

■ 77.1740, -0.5788,
-1.0296

■ 81.9840, -2.4571,
-5.2480

■ 86.0930, -4.4828,
-8.8516

Harmonies

Analogous

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



45.9390, 22.7081, -3.4545



45.7210, 13.4485, 26.5547



40.6000, 3.6482, 43.3238

Triad

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



45.7210, 13.4485, 26.5547



43.1700, -21.2828, 13.0059



41.5530, 14.5174, -36.4420

Complementary

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



45.7210, 13.4485, 26.5547



55.2790, -13.4485, -26.5547

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.



38.4750, 2.7238, -33.7426



45.7210, 13.4485, 26.5547



40.3910, -19.9128, -6.4819

Square

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



45.7210, 13.4485, 26.5547



42.6930, -21.0476, 30.9642



34.2230, -8.4909, -30.0136



42.6590, 23.8321, -37.4119

Rectangle

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



45.7210, 13.4485, 26.5547



40.0210, -4.9404, 44.7086



34.2230, -8.4909, -30.0136



40.5270, 10.5862, -35.5422

Sweetspot

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



45.7210, 13.4485, 26.5547



87.7330, 5.0616, 9.8812



31.7110, 21.8345, -3.2545



43.8420, 3.0359, 6.2776



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.



45.7210, 13.4485, 26.5547



51.5840, 21.4041, 41.5838



42.8710, 2.5286, 29.0541



35.6520, 1.1576, 2.0592



41.4420, 26.8971, 53.1094



93.3940, 60.4448, 119.8035

Inverse Universe

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



45.7210, 13.4485, 26.5547



51.5840, 21.4041, 41.5838



58.1290, -2.5286, -29.0541



35.6520, 1.1576, 2.0592



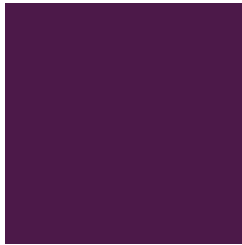
41.4420, 26.8971, 53.1094



93.3940, 60.4448, 119.8035

Previews

White Background



This preview shows how the YUV color 45.7210, 13.4485, 26.5547 looks on a white background.

Color Contrast Check

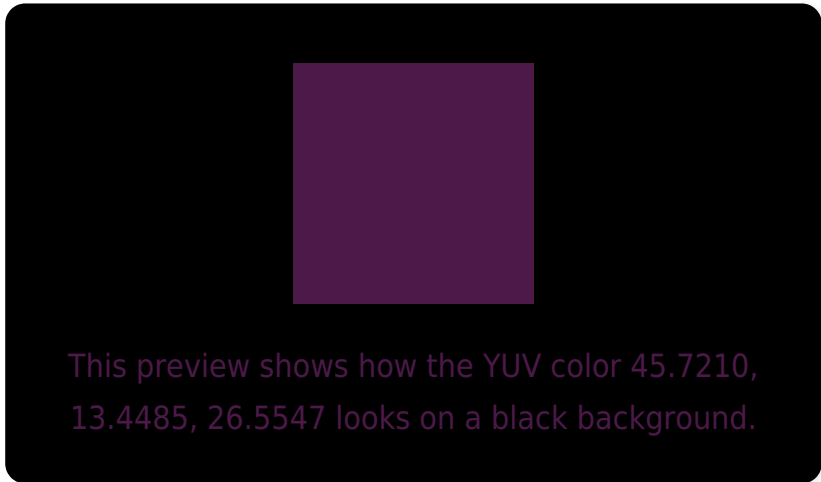
Large Text (above 18pt) WCAG AA ✓ Pass

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

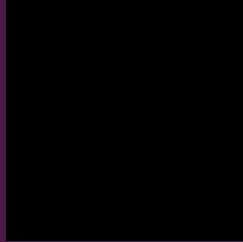
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.7210, 13.4485, 26.5547

Background



This preview shows how black text looks on a background with the YUV color 45.7210, 13.4485, 26.5547.



This preview shows how white text looks on a background with the YUV color 45.7210, 13.4485,

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

45.7210, 13.4485, 26.5547

Protanopia

43.1710, 24.0727, -21.1980

Deuteranopia

46.6320, 11.5204, -8.4473



Tritanopia

46.9920, -4.4331, 21.9320

Trichromacy



Original Color

45.7210, 13.4485, 26.5547

Protanomaly

43.9560, 20.2347, -3.4694

Deuteranomaly

46.2360, 12.2087, 4.1780

Tritanomaly

46.4250, 2.2555, 23.3063

Monochromacy



Original Color

45.7210, 13.4485, 26.5547

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.7330, 5.0616, 9.8812

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7210, 13.4485, 26.5547 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, 25, 73)` looks like.

```
.text, #text, p{  
    color:rgb(76, 25, 73)  
}
```

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, 25, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 25, 73) }
```

Border

The CSS property to change the border of an element to YUV 45.7210, 13.4485, 26.5547 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, 25, 73) }
```


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

```
.border{ border-color:rgb(76, 25, 73) }
```

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

Here you see how a box with a 4 pixel rgb(76, 25, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 25, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 25, 73);  
box-shadow:4px 4px 4px 4px rgb(76, 25, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.7210, 13.4485, 26.5547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 25, 73) }
```

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

```
.background{ background-color: rgb(76, 25,  
73) }
```

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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