

Converting Colors

YUV(45.2210, 21.5830,
-15.9798)

Have a look what the booklet for
YUV(45.2210, 21.5830, -15.9798)
contains.

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Color

**YUV(45.2210, 21.5830,
-15.9798)**

Conversions

Conversions Part 1

Format	Color
Hex	1B2E59
RGB	27, 46, 89
RGB Percent	11%, 18%, 35%
CMY	0.8941, 0.8196, 0.6510
CMYK	0.70, 0.48, 0.00, 0.65
HSL	222°, 53%, 23%
HSV	222°, 70%, 35%
XYZ	3.2322, 2.9083, 9.8422
YIQ	45.2210, -25.1270, 9.3450

Conversions

Conversions Part 2

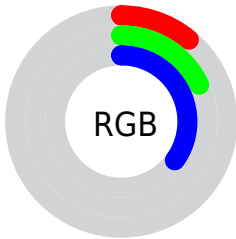
Format	Color
R_{YB}	27, 42, 89
Decimal	1781337
CIE Lab	19.67, 8.23, -28.25
CIE LCh	20, 29.427, 286.237
Yxy	2.9083, 0.2022, 0.1820
Android (android.graphics.Color)	4279971417 (0xFF1B2E59)
YUV	45.2210, 21.5830, -15.9798
Hunter-Lab	17.0537, 3.9870, -22.2805

Details

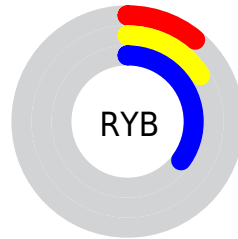
The YUV color **45.2210, 21.5830, -15.9798** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **70.7790, -21.5830, 15.9798**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.5850, 22.8826, -12.7910**, and **4.9020, 18.7823, -4.2991** is the 20% darker color. If you saturate the color by 10%, you get **39.0080, 24.6461, -18.4240**, and if you desaturate by 10%, it is **51.4340, 18.5200, -13.5356**.

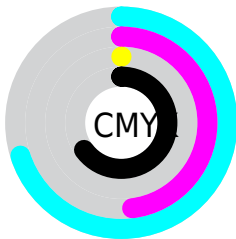
Distribution



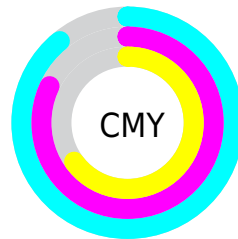
- Red (11%)
- Green (18%)
- Blue (35%)



- Red (11%)
- Yellow (16%)
- Blue (35%)



- Cyan (70%)
- Magenta (48%)
- Yellow (0%)
- Black (65%)



- Cyan (89%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.2210, 21.5830, -15.9798 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 45.2210, 21.5830, -15.9798 by changing the saturation by 10% instead.

■ 45.2210, 21.5830,
-15.9798

■ 45.2210, 21.5830,
-15.9798

■ 255.0000, 0.0000,
0.0000

■ 22.6720, 20.8677,
-19.8833

■ 92.5850, 22.8826,
-12.7910

■ 4.9020, 18.7823,
-4.2991

■ 118.1120, 23.6088,
-12.3762

■ 2.9810, 8.8834,
-2.6143

■ 143.6390, 24.3350,
-11.9614

■ 0.0000, 0.0000,
0.0000

■ 170.7530, 24.7718,
-12.0614

■ 197.9810, 25.6454,
-12.2613

■ 223.6580, 15.4516,

-9.3471

248.4660, 3.2213,
-6.5477

45.2210, 21.5830,
-15.9798

45.2210, 21.5830,
-15.9798

39.0080, 24.6461,
-18.4240

51.4340, 18.5200,
-13.5356

32.7950, 27.7091,
-20.8682

57.6470, 15.4570,
-11.0914

25.9950, 31.0615,
-22.7976

64.4470, 12.1046,
-9.1620

70.6600, 9.0416,
-6.7178

76.8730, 5.9786,
-4.2736

■ 82.7870, 3.0630,
-2.4442

■ 89.0000, 0.0000,
0.0000

■ 95.2130, -3.0630,
2.4442

■ 102.0130, -6.4154,
4.3736

Harmonies

Analogous

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



41.2570, 23.5373, -36.1824



45.2210, 21.5830, -15.9798



49.4480, 14.0761, 11.8851

Triad

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



45.2210, 21.5830, -15.9798



45.8160, -14.2063, 29.9794



37.6770, -0.3338, -33.0427

Complementary

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



45.2210, 21.5830, -15.9798



70.7790, -21.5830, 15.9798

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.



40.6870, -12.1707, -16.3885



45.2210, 21.5830, -15.9798



45.2740, -22.3201, 19.0537

Square

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



45.2210, 21.5830, -15.9798



45.7810, -4.3290, 35.2721



43.7020, -21.5451, 3.7693



40.7720, 8.9864, -35.7570

Rectangle

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



45.2210, 21.5830, -15.9798



48.0430, 8.3598, 25.3953



43.7020, -21.5451, 3.7693



36.1780, -3.5388, -31.7281

Sweetspot

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



45.2210, 21.5830, -15.9798



97.8450, 8.4574, -6.0031



68.1820, 0.4033, -36.1166



48.0580, 5.3944, -3.5589



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



45.2210, 21.5830, -15.9798



46.6680, 33.6877, -25.1418



37.3570, 25.4600, 0.5639



40.0430, 1.4578, -0.9147



31.5690, 37.1875, -27.6860



69.0540, 81.8114, -60.5604

Inverse Universe

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



47.7040, -0.8401, 36.2166



50.4230, -1.1945, 56.6340



78.6430, -25.4600, -0.5639



40.3100, -0.1528, 2.3591



35.7550, -1.3582, 62.4819



78.4730, -3.1912, 137.2742

Previews

White Background



This preview shows how the YUV color 45.2210, 21.5830, -15.9798 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 45.2210, 21.5830, -15.9798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

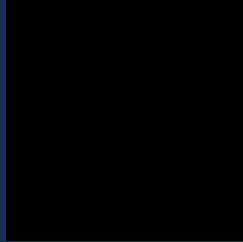
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.2210, 21.5830, -15.9798

Background



This preview shows how black text looks on a background with the YUV color 45.2210, 21.5830, -15.9798.



This preview shows how white text looks on a background with the YUV color 45.2210, 21.5830,

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

45.2210, 21.5830, -15.9798

Protanopia

44.6230, 21.8779, -17.2094

Deuteranopia

38.5670, 23.3845, -33.8233

Trichromacy



Original Color

45.2210, 21.5830, -15.9798

Protanomaly

44.9220, 21.7305, -16.5946

Deuteranomaly

41.0840, 22.6366, -27.2607

Monochromacy



Original Color

45.2210, 21.5830, -15.9798

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.7310, 8.0206, -5.9031

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.2210, 21.5830, -15.9798 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, 46, 89)` looks like.

```
.text, #text, p{  
    color:rgb(27, 46, 89)  
}
```

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, 46, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 46, 89) }
```

Border

The CSS property to change the border of an element to YUV 45.2210, 21.5830, -15.9798 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, 46, 89) }
```

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

```
.border{ border-color:rgb(27, 46, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 46, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 46, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 46, 89);  
box-shadow:4px 4px 4px 4px rgb(27, 46, 89)  
}
```


Background

The CSS property to change the background color of an element to YUV 45.2210, 21.5830, -15.9798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 46, 89) }
```

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

```
.background{ background-color: rgb(27, 46,  
89) }
```

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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