Converting Colors

YUV(25.0000, 0.0000, 0.0000)

Have a look what the booklet for YUV(25.0000, 0.0000, 0.0000) contains.

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Color

YUV(25.0000, 0.0000, 0.0000)

Conversions

Conversions Part 1

Format	Color
Hex	191919
RGB	25, 25, 25
RGB Percent	10%, 10%, 10%
CMY	0.9020, 0.9020, 0.9020
CMYK	0.00, 0.00, 0.00, 0.90
HSL	0°, 0%, 10%
HSV	0°, 0%, 10%
XYZ	0.9240, 0.9721, 1.0586
YIQ	25.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

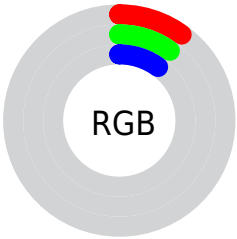
Format	Color
RYB	25, 25, 25
Decimal	1644825
CIELab	8.76, 0.00, -0.00
CIELCh	9, 0.002, 296.813
Yxy	0.9721, 0.3127, 0.3290
Android (android.graphics.Color)	4279834905 (0xFF191919)
YUV	25.0000, 0.0000, 0.0000
Hunter-Lab	9.8596, -0.5261, 0.5357

Details

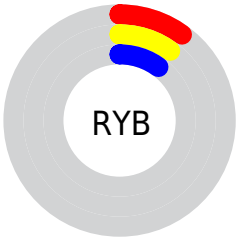
The YUV color 25.0000, 0.0000, 0.0000 is a dark color, and the websafe version is hex 000000. A complement of this color would be 25.0000, 0.0000, 0.0000, and the grayscale version is 25.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 68.0000, 0.0000, 0.0000, and 0.0000, 0.0000, 0.0000 is the 20% darker color. If you saturate the color by 10%, you get 23.5980, -0.2948, 1.2296, and if you desaturate by 10%, it is 27.1030, 0.4422, -1.8443.

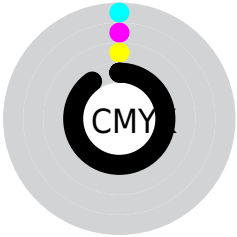
Distribution



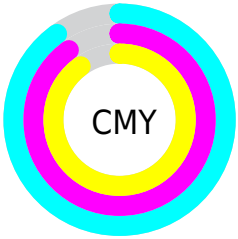
- Red (10%)
- Green (10%)
- Blue (10%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (90%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0000, 0.0000, 0.0000 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 25.0000, 0.0000, 0.0000 by changing the saturation by 10% instead.

25.0000, 0.0000, 0.0000

25.0000, 0.0000, 0.0000

251.0000, 0.0000, 0.0000

0.0000, 0.0000, 0.0000

68.0000, 0.0000, 0.0000

91.0000, 0.0000, 0.0000

116.0000, 0.0000, 0.0000

141.0000, 0.0000, 0.0000

168.0000, 0.0000, 0.0000

195.0000, 0.0000,

0.0000

223.0000, 0.0000, 0.0000

25.0000, 0.0000, 0.0000

25.0000, 0.0000, 0.0000

23.5980, -0.2948, 1.2296

27.1030, 0.4422, -1.8443

21.4950, -0.7370, 3.0739

28.5050, 0.7370, -3.0739

20.0930, -1.0318, 4.3034

30.6080, 1.1793, -4.9182

17.9900, -1.4741, 6.1478

32.0100, 1.4741, -6.1478

16.5880, -1.7689, 7.3773

34.1130, 1.9163, -7.9921

14.4850, -2.2111, 9.2217

35.5150, 2.2111, -9.2217

13.0830, -2.5059, 10.4512

37.6180, 2.6533, -11.0660

10.9800, -2.9481, 12.2955

39.0200, 2.9481, -12.2955

9.5780, -3.2430, 13.5251

41.1230, 3.3904, -14.1399

Harmonies

Sweetspot

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

25.0000, 0.0000, 0.0000

33.0000, 0.0000, 0.0000

18.0000, 0.0000, 0.0000

145.0000, 0.0000, 0.0000

Same Dimension

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

25.0000, 0.0000, 0.0000

33.0000, 0.0000, 0.0000

13.0000, 0.0000, 0.0000

23.0230, -11.3503, 47.3378

60.9960, -30.0710, 125.4145

Inverse Universe

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

25.0000, 0.0000, 0.0000

33.0000, 0.0000, 0.0000

13.0000, 0.0000, 0.0000

53.9770, 11.3503, -47.3378

143.0040, 30.0710, -125.4145

Previews

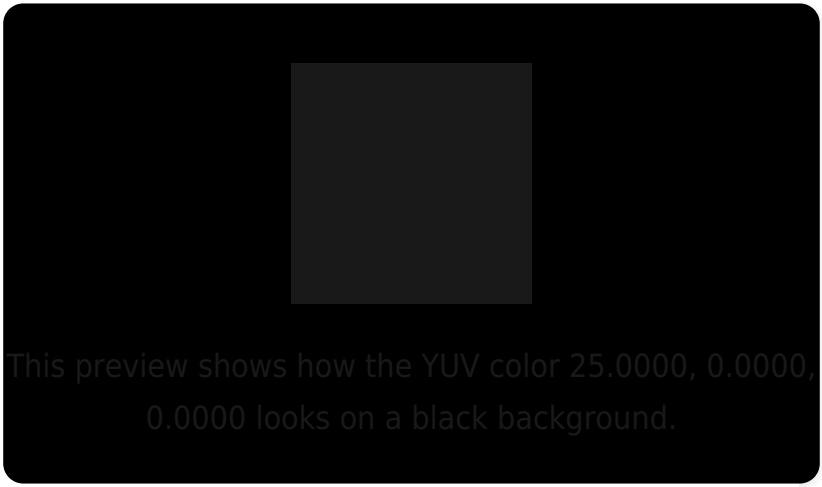
White Background

This preview shows how the YUV color 25.0000, 0.0000, 0.0000 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

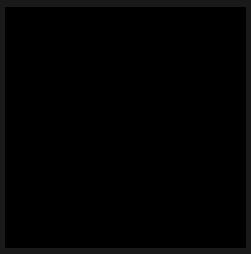


Color Contrast Check

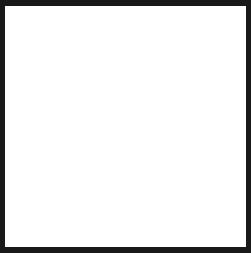
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 25.0000, 0.0000, 0.0000 Background



This preview shows how black text looks on a background with the YUV color 25.0000, 0.0000, 0.0000.



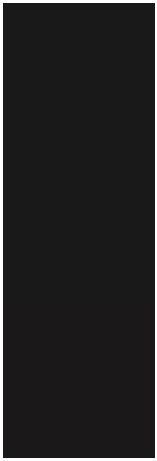
This preview shows how white text looks on a background with the YUV color 25.0000, 0.0000,

0.0000.

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
25.0000, 0.0000, 0.0000

Protanopia
25.0000, 0.0000, 0.0000

Deuteranopia
25.0110, -0.0054, 1.7444

Tritanopia
25.2280, 0.8736, -0.2000

Trichromacy

Original Color
25.0000, 0.0000, 0.0000

Protanomaly
25.0000, 0.0000, 0.0000

Deuteranomaly
24.7120, 0.1420, 1.1296

Tritanomaly
25.1140, 0.4368, -0.1000

Monochromacy

Original Color
25.0000, 0.0000, 0.0000

Achromatopsia
25.0000, 0.0000, 0.0000

Achromatomaly
25.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0000, 0.0000, 0.0000 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(25, 25, 25) looks like.

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

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(25, 25, 25) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 25.0000, 0.0000, 0.0000 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(25, 25, 25) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to YUV 25.0000, 0.0000, 0.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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