

Converting Colors

YUV(24.3290, 4.2748, -17.8285)

Have a look what the booklet for
YUV(24.3290, 4.2748, -17.8285)
contains.

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Color

**YUV(24.3290, 4.2748,
-17.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	042121
RGB	4, 33, 33
RGB Percent	2%, 13%, 13%
CMY	0.9843, 0.8706, 0.8706
CMYK	0.88, 0.00, 0.00, 0.87
HSL	180°, 78%, 7%
HSV	180°, 88%, 13%
XYZ	0.8684, 1.2233, 1.6292
YIQ	24.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

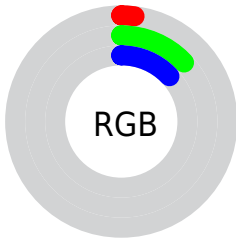
Format	Color
R_YB	4, 19, 33
Decimal	270625
CIE Lab	10.73, -10.68, -3.20
CIE LCh	11, 11.149, 196.681
Yxy	1.2233, 0.2334, 0.3288
Android (android.graphics.Color)	4278460705 (0xFF042121)
YUV	24.3290, 4.2748, -17.8285
Hunter-Lab	11.0604, -5.3403, -0.9911

Details

The YUV color **24.3290, 4.2748, -17.8285** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.6710, -4.2748, 17.8285**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.6280, 4.1274, -17.2138**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.4320, 4.7170, -19.6729**, and if you desaturate by 10%, it is **25.2260, 3.8326, -15.9842**.

Distribution



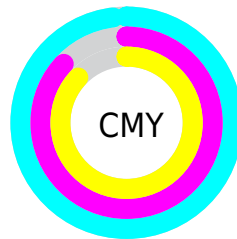
- Red (2%)
- Green (13%)
- Blue (13%)



- Red (2%)
- Yellow (7%)
- Blue (13%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (87%)



- Cyan (98%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.3290, 4.2748, -17.8285 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 24.3290, 4.2748, -17.8285 by changing the saturation by 10% instead.

■ 24.3290, 4.2748,
-17.8285

■ 24.3290, 4.2748,
-17.8285

■ 247.8240, 3.5378,
-14.7546

■ 4.0750, 2.9210,
-3.5738

■ 68.6280, 4.1274,
-17.2138

■ 0.0000, 0.0000,
0.0000

■ 92.3290, 4.2748,
-17.8285

■ 117.3290, 4.2748,
-17.8285

■ 143.0300, 4.4222,
-18.4433

■ 169.6170, 4.1328,
-18.9581

■ 197.3180, 4.2802,

-19.5729

■ 225.0190, 4.4276,
-20.1877

■ 24.3290, 4.2748,
-17.8285

■ 24.3290, 4.2748,
-17.8285

■ 23.4320, 4.7170,
-19.6729

■ 25.2260, 3.8326,
-15.9842

■ 23.1330, 4.8644,
-20.2876

■ 26.4220, 3.2430,
-13.5251

■ 27.3190, 2.8007,
-11.6808

■ 28.2160, 2.3585,
-9.8364

■ 29.4120, 1.7689,
-7.3773

■ 30.3090, 1.3267,
-5.5330

■ 31.2060, 0.8844,
-3.6887

■ 32.1030, 0.4422,
-1.8443

■ 33.2990, -0.1474,
0.6148

Harmonies

Analogous

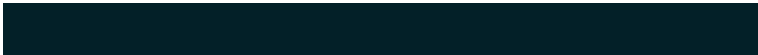
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.8090, -0.3988, -12.1105



24.3290, 4.2748, -17.8285



24.2410, 7.7692, -18.6284

Triad

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



24.3290, 4.2748, -17.8285



29.5860, 4.6411, 4.7481



28.3940, -7.5892, 7.5475

Complementary

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



24.3290, 4.2748, -17.8285



12.6710, -4.2748, 17.8285

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.



29.2850, -5.5635, 11.1511



24.3290, 4.2748, -17.8285



29.8210, 1.5672, 10.6810

Square

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



24.3290, 4.2748, -17.8285



28.8130, 6.9942, -3.3440



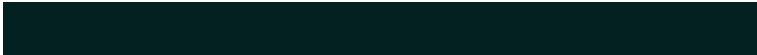
29.5070, -2.2220, 12.7104



28.0620, -7.4256, 1.6996

Rectangle

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



24.3290, 4.2748, -17.8285



25.7900, 8.4845, -14.7248



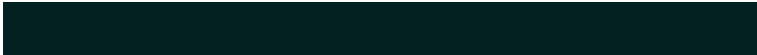
29.5070, -2.2220, 12.7104



28.5190, -7.1579, 9.1918

Sweetspot

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



24.3290, 4.2748, -17.8285



39.7110, 1.6215, -6.7625



21.0230, -8.3923, -14.9292



20.9070, 1.0318, -4.3034



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



24.3290, 4.2748, -17.8285



30.1430, 6.3385, -26.4354



16.1110, 8.3263, -10.6213



14.7010, 0.1474, -0.6148



55.3790, 11.6452, -48.5674



145.1070, 30.5132, -127.2588

Inverse Universe

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



15.9770, 8.3923, 14.9292



17.7590, 12.4438, 22.1364



21.4760, -8.6157, 10.1065



14.4130, 0.2894, 0.5148



32.6270, 22.8619, 40.6691



85.4910, 59.9039, 106.5634

Previews

White Background



This preview shows how the YUV color 24.3290, 4.2748, -17.8285 looks on a white background.

Color Contrast Check

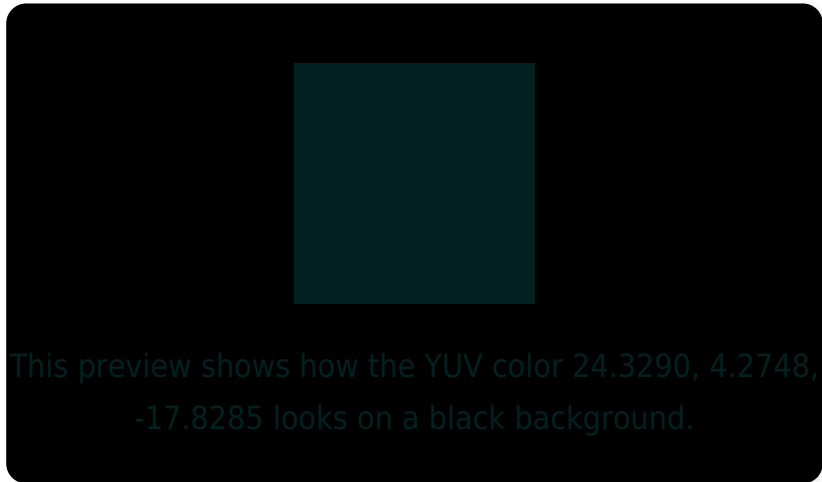
Large Text (above 18pt) WCAG AA ✓ Pass

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

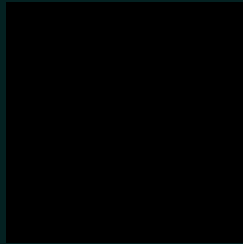
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

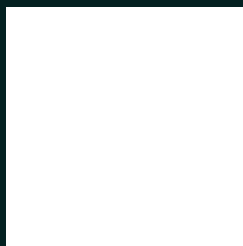
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 24.3290, 4.2748, -17.8285

Background



This preview shows how black text looks on a background with the YUV color 24.3290, 4.2748, -17.8285.



This preview shows how white text looks on a background with the YUV color 24.3290, 4.2748, -17.8285.

-17.8285.

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

24.3290, 4.2748, -17.8285

Protanopia

29.5270, 0.7262, 0.4148

Deuteranopia

29.8690, 2.0366, 0.1149



Tritanopia

25.4540, 4.7062, -16.1842

Trichromacy



Original Color

24.3290, 4.2748, -17.8285

Protanomaly

27.5370, 2.2003, -5.7329

Deuteranomaly

27.7650, 3.0739, -5.9329

Tritanomaly

25.0410, 4.4168, -16.6990

Monochromacy



Original Color

24.3290, 4.2748, -17.8285

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.3290, 4.2748, -17.8285 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(4, 33, 33)` looks like.

```
.text, #text, p{  
    color:rgb(4, 33, 33)  
}
```

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(4, 33, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 33, 33) }
```

Border

The CSS property to change the border of an element to YUV 24.3290, 4.2748, -17.8285 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(4, 33, 33) }
```


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

```
.border{ border-color:rgb(4, 33, 33) }
```

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

Here you see how a box with a 4 pixel rgb(4, 33, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 33, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 33, 33); box-shadow:4px  
4px 4px 4px rgb(4, 33, 33) }
```

Background

The CSS property to change the background color of an element to YUV 24.3290, 4.2748, -17.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 33, 33) }
```

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

```
.background{ background-color: rgb(4, 33,  
33) }
```

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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