

Converting Colors

YUV(32.7220, 1.6161, -5.0182)

Have a look what the booklet for
YUV(32.7220, 1.6161, -5.0182)
contains.

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Color

**YUV(32.7220, 1.6161,
-5.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	1B2324
RGB	27, 35, 36
RGB Percent	11%, 14%, 14%
CMY	0.8941, 0.8627, 0.8588
CMYK	0.25, 0.03, 0.00, 0.86
HSL	187°, 14%, 12%
HSV	187°, 25%, 14%
XYZ	1.3715, 1.5625, 1.8984
YIQ	32.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

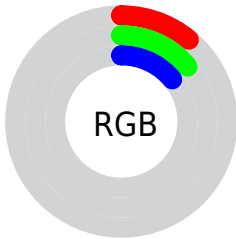
Format	Color
RYB	27, 31, 36
Decimal	1778468
CIELab	13.00, -3.27, -1.86
CIELCh	13, 3.764, 209.629
Yxy	1.5625, 0.2838, 0.3233
Android (android.graphics.Color)	4279968548 (0xFF1B2324)
YUV	32.7220, 1.6161, -5.0182
Hunter-Lab	12.4998, -2.2898, -0.2546

Details

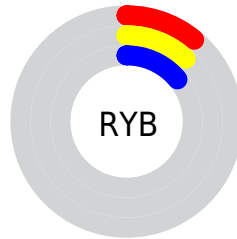
The YUV color **32.7220, 1.6161, -5.0182** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30.2780, -1.6161, 5.0182**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.4230, 1.7635, -5.6330**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.5260, 2.2057, -7.4773**, and if you desaturate by 10%, it is **33.9180, 1.0264, -2.5591**.

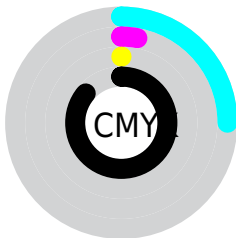
Distribution



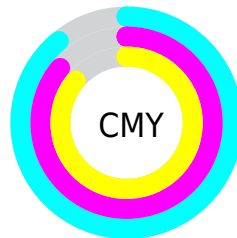
- Red (11%)
- Green (14%)
- Blue (14%)



- Red (11%)
- Yellow (12%)
- Blue (14%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (86%)



- Cyan (89%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.7220, 1.6161, -5.0182 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 32.7220, 1.6161, -5.0182 by changing the saturation by 10% instead.

■ 32.7220, 1.6161,
-5.0182

■ 32.7220, 1.6161,
-5.0182

■ 255.0000, 0.0000,
0.0000

■ 9.3410, 2.7899,
-8.1921

■ 76.4230, 1.7635,
-5.6330

■ 0.0000, 0.0000,
0.0000

■ 100.4230, 1.7635,
-5.6330

■ 125.5370, 2.2003,
-5.7329

■ 151.2380, 2.3477,
-6.3477

■ 178.1240, 1.9109,
-6.2477

■ 205.8250, 2.0583,

-6.8625

■ 233.8250, 2.0583,
-6.8625

■ 32.7220, 1.6161,
-5.0182

■ 32.7220, 1.6161,
-5.0182

■ 31.5260, 2.2057,
-7.4773

■ 33.9180, 1.0264,
-2.5591

■ 30.0420, 2.9373,
-8.8068

■ 35.4020, 0.2948,
-1.2296

■ 28.8460, 3.5269,
-11.2659

■ 36.5980, -0.2948,
1.2296

■ 27.3620, 4.2585,
-12.5955

■ 38.0820, -1.0264,
2.5591

■ 26.1660, 4.8482,
-15.0546

■ 39.2780, -1.6161,
5.0182

■ 24.9700, 5.4378,
-17.5137

■ 40.4740, -2.2057,
7.4773

■ 23.4860, 6.1694,
-18.8432

■ 41.9580, -2.9373,
8.8068

■ 22.8880, 6.4642,
-20.0728

■ 43.1540, -3.5269,
11.2659

■ 44.6380, -4.2585,
12.5955

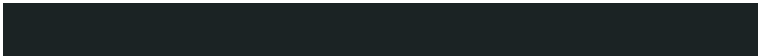
Harmonies

Analogous

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



32.6790, 0.1583, -4.1035



32.7220, 1.6161, -5.0182



33.2490, 2.3422, -4.6034

Triad

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



32.7220, 1.6161, -5.0182



33.9510, 1.0102, 2.6740



33.3270, -2.6262, 2.3442

Complementary

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



32.7220, 1.6161, -5.0182



30.2780, -1.6161, 5.0182

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.



34.0390, -2.4842, 3.4738



32.7220, 1.6161, -5.0182



34.3210, -0.1583, 4.1035

Square

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



32.7220, 1.6161, -5.0182



33.8690, 2.0366, 0.1149



33.9790, -1.4686, 4.4034



33.1310, -2.0366, -0.1149

Rectangle

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



32.7220, 1.6161, -5.0182



33.3740, 2.7736, -2.9590



33.9790, -1.4686, 4.4034



33.6260, -2.7736, 2.9590

Sweetspot

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



32.7220, 1.6161, -5.0182



44.2170, 0.8790, -1.9443



32.3970, -2.1677, -4.7332



22.4020, 0.2948, -1.2296



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.



32.7220, 1.6161, -5.0182



40.6400, 2.6425, -7.5773



30.3740, 2.7736, -2.9590



17.4020, 0.2948, -1.2296



52.1990, 14.6919, -45.7785



133.0080, 37.4641, -116.6480

Inverse Universe

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



30.6030, 2.1677, 4.7332



37.5540, 3.1779, 7.4071



32.6260, -2.7736, 2.9590



16.8260, 0.5788, 1.0296



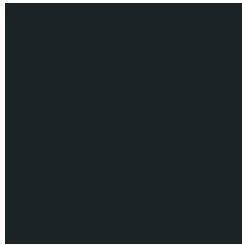
32.8400, 19.7989, 43.1133



83.6950, 50.4364, 109.8925

Previews

White Background



This preview shows how the YUV color 32.7220, 1.6161, -5.0182 looks on a white background.

Color Contrast Check

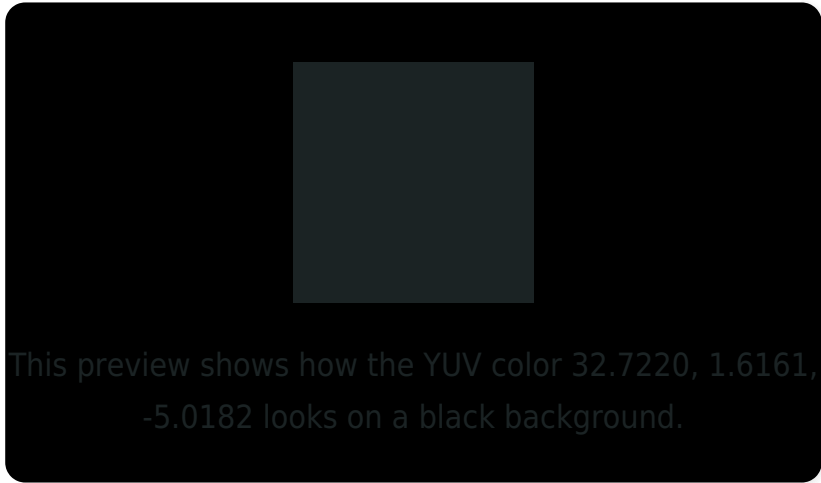
Large Text (above 18pt) WCAG AA ✓ Pass

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

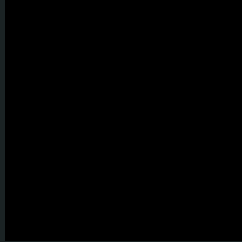
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

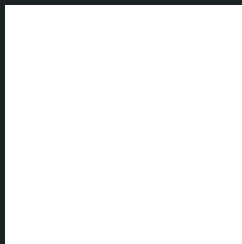
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 32.7220, 1.6161, -5.0182

Background



This preview shows how black text looks on a background with the YUV color 32.7220, 1.6161, -5.0182.



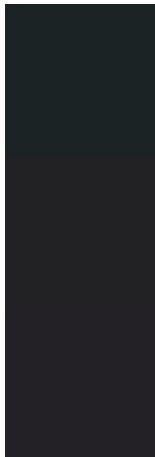
This preview shows how white text looks on a background with the YUV color 32.7220, 1.6161, -5.0182.

-5.0182.

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

32.7220, 1.6161, -5.0182

Protanopia

33.5270, 0.7262, 0.4148

Deuteranopia

34.0540, 1.4524, 0.8296



Tritanopia

32.9500, 2.4897, -5.2181

Trichromacy



Original Color

32.7220, 1.6161, -5.0182

Protanomaly

33.2170, 0.8790, -1.9443

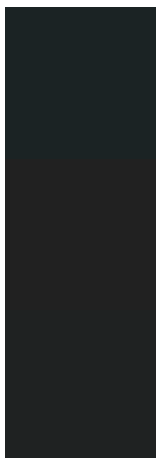
Deuteranomaly

33.7440, 1.6052, -1.5295

Tritanomaly

32.8360, 2.0529, -5.1182

Monochromacy



Original Color

32.7220, 1.6161, -5.0182

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.7220, 1.6161, -5.0182 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, 35, 36)` looks like.

```
.text, #text, p{  
    color:rgb(27, 35, 36)  
}
```

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, 35, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 35, 36) }
```

Border

The CSS property to change the border of an element to YUV 32.7220, 1.6161, -5.0182 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, 35, 36) }
```


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

```
.border{ border-color:rgb(27, 35, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 35, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 35, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 35, 36);  
box-shadow:4px 4px 4px 4px rgb(27, 35, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.7220, 1.6161, -5.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 35, 36) }
```

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

```
.background{ background-color: rgb(27, 35,  
36) }
```

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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