

Converting Colors

YUV(27.6020, 3.6472, -3.1590)

Have a look what the booklet for
YUV(27.6020, 3.6472, -3.1590)
contains.

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Color

**YUV(27.6020, 3.6472,
-3.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	181C23
RGB	24, 28, 35
RGB Percent	9%, 11%, 14%
CMY	0.9059, 0.8902, 0.8627
CMYK	0.31, 0.20, 0.00, 0.86
HSL	218°, 19%, 12%
HSV	218°, 31%, 14%
XYZ	1.0953, 1.1460, 1.7536
YIQ	27.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

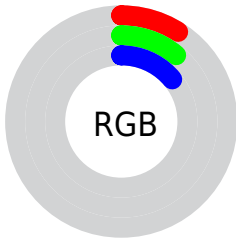
Format	Color
RYB	24, 27, 35
Decimal	1580067
CIELab	10.15, 0.21, -5.42
CIELCh	10, 5.419, 272.197
Yxy	1.1460, 0.2742, 0.2869
Android (android.graphics.Color)	4279770147 (0xFF181C23)
YUV	27.6020, 3.6472, -3.1590
Hunter-Lab	10.7054, -0.4712, -2.2182

Details

The YUV color **27.6020, 3.6472, -3.1590** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **31.3980, -3.6472, 3.1590**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.7160, 4.0840, -3.2589**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.2320, 4.8156, -4.5885**, and if you desaturate by 10%, it is **29.9720, 2.4788, -1.7294**.

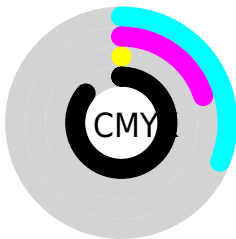
Distribution



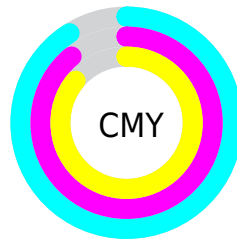
- Red (9%)
- Green (11%)
- Blue (14%)



- Red (9%)
- Yellow (11%)
- Blue (14%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (86%)



- Cyan (91%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.6020, 3.6472, -3.1590 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 27.6020, 3.6472, -3.1590 by changing the saturation by 10% instead.

■ 27.6020, 3.6472,
-3.1590

■ 27.6020, 3.6472,
-3.1590

■ 253.8040, 0.5896,
-2.4591

■ 2.0690, 5.3890,
-1.8145

■ 70.7160, 4.0840,
-3.2589

■ 0.0000, 0.0000,
0.0000

■ 94.4170, 4.2314,
-3.8737

■ 119.4170, 4.2314,
-3.8737

■ 144.8300, 4.5208,
-3.3589

■ 171.5310, 4.6682,
-3.9737

■ 198.6450, 5.1050,

-4.0737

■ 226.6450, 5.1050,
-4.0737

■ 27.6020, 3.6472,
-3.1590

■ 27.6020, 3.6472,
-3.1590

■ 25.2320, 4.8156,
-4.5885

■ 29.9720, 2.4788,
-1.7294

■ 23.1610, 5.8366,
-5.4032

■ 32.0430, 1.4578,
-0.9147

■ 20.5030, 7.1470,
-5.7031

■ 35.0000, 0.0000,
0.0000

■ 18.1330, 8.3154,
-7.1326

■ 37.0710, -1.0210,
0.8147

■ 16.0620, 9.3364,
-7.9474

■ 39.4410, -2.1894,
2.2442

■ 13.6920, 10.5048,
-9.3769

■ 41.5120, -3.2104,
3.0590

■ 11.6210, 11.5258,
-10.1916

■ 44.4690, -4.6682,
3.9737

■ 46.5400, -5.6892,
4.7884

■ 48.9100, -6.8576,
6.2179

Harmonies

Analogous

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



26.8790, 3.5107, -6.0329



27.6020, 3.6472, -3.1590



28.3960, 2.7628, 0.5297

Triad

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



27.6020, 3.6472, -3.1590



28.4630, -2.2003, 5.7329



26.9240, -1.4415, -4.3183

Complementary

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



27.6020, 3.6472, -3.1590



31.3980, -3.6472, 3.1590

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.



27.3050, -2.6154, -1.1445



27.6020, 3.6472, -3.1590



27.8220, -3.3632, 5.4181

Square

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



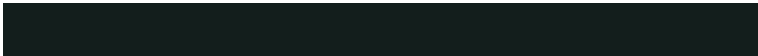
27.6020, 3.6472, -3.1590



28.3320, -0.1637, 5.8478



27.6860, -3.7892, 2.0294



26.4830, 0.7479, -6.5626

Rectangle

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



27.6020, 3.6472, -3.1590



28.4780, 1.7363, 3.0888



27.6860, -3.7892, 2.0294



26.8210, -1.8838, -2.4740

Sweetspot

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



27.6020, 3.6472, -3.1590



43.0430, 1.4578, -0.9147



31.2550, -0.1257, -6.3626



20.9290, 1.0210, -0.8147



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.



27.6020, 3.6472, -3.1590



34.1610, 5.8366, -5.4032



25.5530, 4.6574, -0.4850



16.8150, 0.5842, -0.7148



26.9580, 27.1357, -23.6422



68.4380, 69.2971, -60.0201

Inverse Universe

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



27.7450, 0.1257, 6.3626



34.1800, 0.4043, 10.3661



33.4470, -4.6574, 0.4850



16.7120, 0.1420, 1.1296



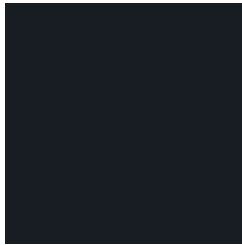
27.9380, 1.0166, 47.4124



71.1550, 2.3886, 120.8901

Previews

White Background



This preview shows how the YUV color 27.6020, 3.6472, -3.1590 looks on a white background.

Color Contrast Check

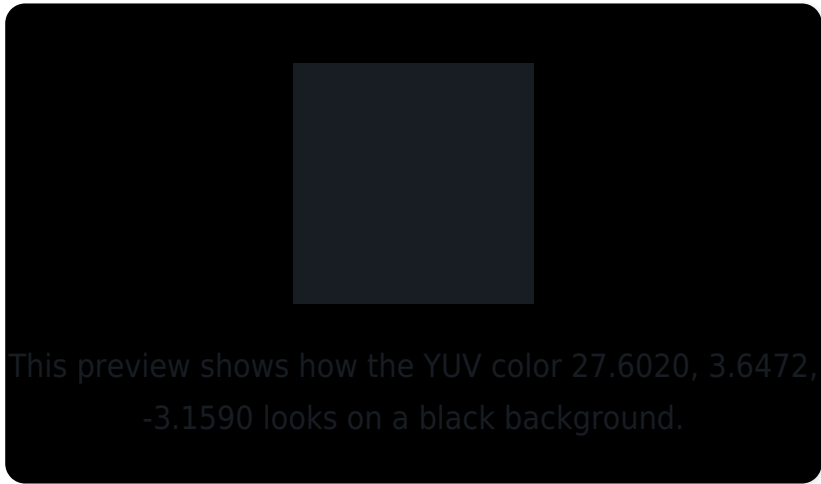
Large Text (above 18pt) WCAG AA ✓ Pass

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

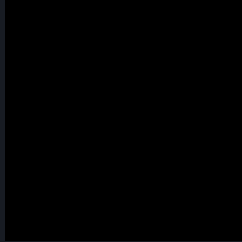
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

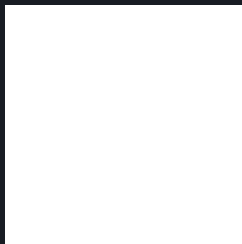
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 27.6020, 3.6472, -3.1590

Background



This preview shows how black text looks on a background with the YUV color 27.6020, 3.6472, -3.1590.



This preview shows how white text looks on a background with the YUV color 27.6020, 3.6472,

-3.1590.

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

27.6020, 3.6472, -3.1590

Protanopia

27.6130, 3.6418, -1.4146

Deuteranopia

27.9120, 3.4944, -0.7998



Tritanopia

27.4340, 1.7580, -3.8886

Trichromacy



Original Color

27.6020, 3.6472, -3.1590

Protanomaly

27.3140, 3.7892, -2.0294

Deuteranomaly

27.6130, 3.6418, -1.4146

Tritanomaly

27.5480, 2.1948, -3.9886

Monochromacy



Original Color

27.6020, 3.6472, -3.1590

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6020, 3.6472, -3.1590 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(24, 28, 35)` looks like.

```
.text, #text, p{  
    color:rgb(24, 28, 35)  
}
```

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(24, 28, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 28, 35) }
```

Border

The CSS property to change the border of an element to YUV 27.6020, 3.6472, -3.1590 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(24, 28, 35) }
```


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

```
.border{ border-color:rgb(24, 28, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 28, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 28, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 28, 35);  
box-shadow:4px 4px 4px 4px rgb(24, 28, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.6020, 3.6472, -3.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 28, 35) }
```

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

```
.background{ background-color: rgb(24, 28,  
35) }
```

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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