

Converting Colors

YUV(27.2380, 2.3477, -6.3477)

Have a look what the booklet for
YUV(27.2380, 2.3477, -6.3477)
contains.

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Color

**YUV(27.2380, 2.3477,
-6.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	141E20
RGB	20, 30, 32
RGB Percent	8%, 12%, 13%
CMY	0.9216, 0.8824, 0.8745
CMYK	0.38, 0.06, 0.00, 0.87
HSL	190°, 23%, 10%
HSV	190°, 38%, 13%
XYZ	1.0135, 1.1816, 1.5411
YIQ	27.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

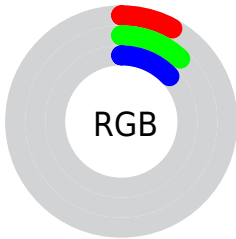
Format	Color
R_{YB}	20, 25, 32
Decimal	1318432
CIE Lab	10.42, -3.83, -2.83
CIE LCh	10, 4.760, 216.421
Yxy	1.1816, 0.2713, 0.3162
Android (android.graphics.Color)	4279508512 (0xFF141E20)
YUV	27.2380, 2.3477, -6.3477
Hunter-Lab	10.8699, -2.3796, -0.7972

Details

The YUV color **27.2380, 2.3477, -6.3477** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.7620, -2.3477, 6.3477**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.9390, 2.4951, -6.9625**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.7540, 3.0793, -7.6773**, and if you desaturate by 10%, it is **28.7220, 1.6161, -5.0182**.

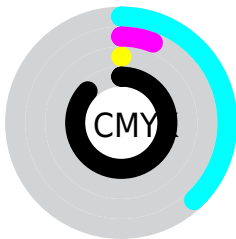
Distribution



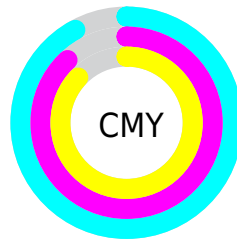
- Red (8%)
- Green (12%)
- Blue (13%)



- Red (8%)
- Yellow (10%)
- Blue (13%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (87%)



- Cyan (92%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.2380, 2.3477, -6.3477 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 27.2380, 2.3477, -6.3477 by changing the saturation by 10% instead.

■ 27.2380, 2.3477,
-6.3477

■ 27.2380, 2.3477,
-6.3477

■ 252.0100, 1.4741,
-6.1478

■ 2.6730, 2.6262,
-2.3442

■ 70.9390, 2.4951,
-6.9625

■ 0.0000, 0.0000,
0.0000

■ 94.0530, 2.9319,
-7.0625

■ 118.7540, 3.0793,
-7.6773

■ 144.6400, 2.6425,
-7.5773

■ 171.3410, 2.7899,
-8.1921

■ 198.4550, 3.2267,

-8.2920

■ 226.4550, 3.2267,
-8.2920

■ 27.2380, 2.3477,
-6.3477

■ 27.2380, 2.3477,
-6.3477

■ 25.7540, 3.0793,
-7.6773

■ 28.7220, 1.6161,
-5.0182

■ 24.8570, 3.5215,
-9.5216

■ 29.6190, 1.1738,
-3.1739

■ 23.0740, 4.4005,
-11.4659

■ 31.4020, 0.2948,
-1.2296

■ 22.1770, 4.8427,
-13.3102

■ 32.2990, -0.1474,
0.6148

■ 20.6930, 5.5744,
-14.6398

■ 33.7830, -0.8790,
1.9443

■ 19.7960, 6.0166,
-16.4841

■ 34.6800, -1.3212,
3.7886

■ 19.4970, 6.1640,
-17.0989

■ 36.1640, -2.0529,
5.1182

■ 37.3600, -2.6425,
7.5773

■ 38.8440, -3.3741,
8.9068

Harmonies

Analogous

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



26.8960, 1.0373, -6.0478



27.2380, 2.3477, -6.3477



27.4770, 3.2158, -4.8033

Triad

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



27.2380, 2.3477, -6.3477



28.6630, 1.1521, 3.8035



27.9140, -2.9156, 1.8294

Complementary

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



27.2380, 2.3477, -6.3477



24.7620, -2.3477, 6.3477

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.



28.3380, -2.6316, 4.0886



27.2380, 2.3477, -6.3477



28.9190, -0.4531, 5.3330

Square

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



27.2380, 2.3477, -6.3477



28.5810, 2.1786, 1.2445



28.5770, -1.7635, 5.6330



27.7180, -2.3260, -0.6297

Rectangle

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



27.2380, 2.3477, -6.3477



28.1890, 3.3578, -3.6738



28.5770, -1.7635, 5.6330



28.2130, -3.0630, 2.4442

Sweetspot

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



27.2380, 2.3477, -6.3477



38.9180, 1.0264, -2.5591



27.2720, -2.5991, -6.3775



19.4020, 0.2948, -1.2296



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



27.2380, 2.3477, -6.3477



33.5580, 3.6689, -10.1364



23.7160, 4.0840, -3.2589



14.7010, 0.1474, -0.6148



47.7480, 15.4072, -41.8750



124.5620, 40.6419, -109.2409

Inverse Universe

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



24.7280, 2.5991, 6.3775



29.5050, 4.1880, 10.0811



28.2840, -4.0840, 3.2589



14.4130, 0.2894, 0.5148



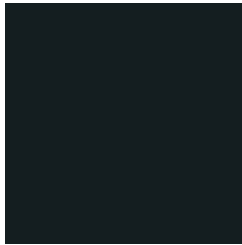
31.1450, 17.1835, 41.9688



81.5010, 44.6160, 110.0626

Previews

White Background



This preview shows how the YUV color 27.2380, 2.3477, -6.3477 looks on a white background.

Color Contrast Check

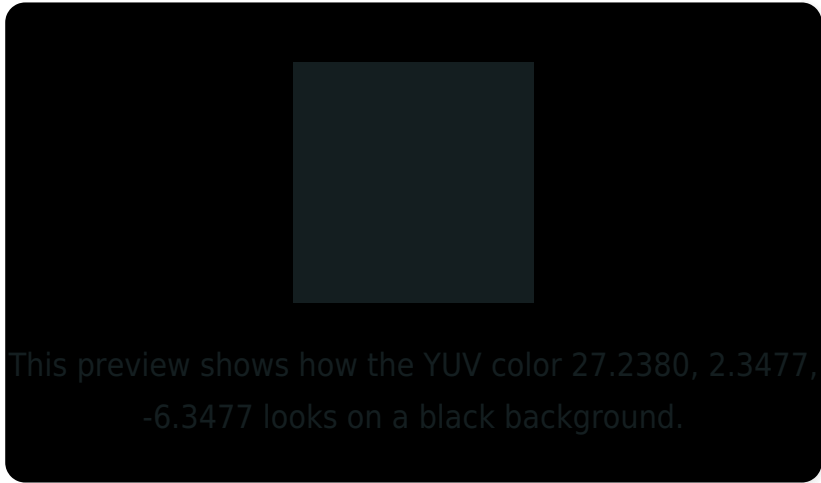
Large Text (above 18pt) WCAG AA ✓ Pass

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

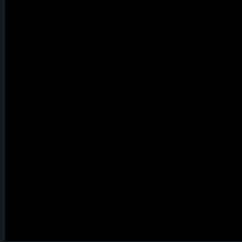
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

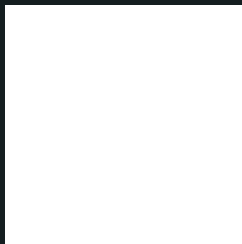
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 27.2380, 2.3477, -6.3477

Background



This preview shows how black text looks on a background with the YUV color 27.2380, 2.3477, -6.3477.



This preview shows how white text looks on a background with the YUV color 27.2380, 2.3477, -6.3477.

-6.3477.

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

27.2380, 2.3477, -6.3477

Protanopia

28.3420, 1.3104, -0.2999

Deuteranopia

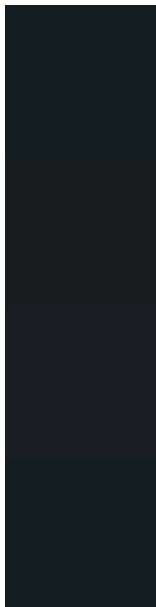
28.8690, 2.0366, 0.1149



Tritanopia

27.2380, 2.3477, -6.3477

Trichromacy



Original Color

27.2380, 2.3477, -6.3477

Protanomaly

28.0320, 1.4632, -2.6591

Deuteranomaly

28.5590, 2.1894, -2.2442

Tritanomaly

27.2380, 2.3477, -6.3477

Monochromacy



Original Color

27.2380, 2.3477, -6.3477

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.9180, 1.0264, -2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.2380, 2.3477, -6.3477 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(20, 30, 32)` looks like.

```
.text, #text, p{  
    color:rgb(20, 30, 32)  
}
```

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(20, 30, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 30, 32) }
```

Border

The CSS property to change the border of an element to YUV 27.2380, 2.3477, -6.3477 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(20, 30, 32) }
```


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

```
.border{ border-color:rgb(20, 30, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 30, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 30, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 30, 32);  
box-shadow:4px 4px 4px 4px rgb(20, 30, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.2380, 2.3477, -6.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 30, 32) }
```

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

```
.background{ background-color: rgb(20, 30,  
32) }
```

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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