

Converting Colors

YUV(26.1620, 21.1191, -7.1581)

Have a look what the booklet for
YUV(26.1620, 21.1191, -7.1581)
contains.

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Color

**YUV(26.1620, 21.1191,
-7.1581)**

Conversions

Conversions Part 1

Format	Color
Hex	121645
RGB	18, 22, 69
RGB Percent	7%, 9%, 27%
CMY	0.9294, 0.9137, 0.7294
CMYK	0.74, 0.68, 0.00, 0.73
HSL	235°, 59%, 17%
HSV	235°, 74%, 27%
XYZ	1.6105, 1.1321, 5.7639
YIQ	26.1620, -17.4710, 13.7690

Conversions

Conversions Part 2

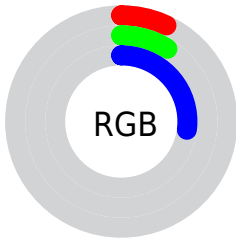
Format	Color
RYB	18, 22, 69
Decimal	1185349
CIELab	10.05, 16.15, -30.19
CIELCh	10, 34.238, 298.153
Yxy	1.1321, 0.1893, 0.1331
Android (android.graphics.Color)	4279375429 (0xFF121645)
YUV	26.1620, 21.1191, -7.1581
Hunter-Lab	10.6400, 8.3991, -24.6705

Details

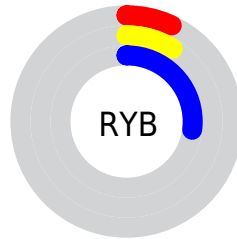
The YUV color **26.1620, 21.1191, -7.1581** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **60.8380, -21.1191, 7.1581**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.3520, 22.9975, -2.9397**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **20.5470, 23.8873, -8.3727**, and if you desaturate by 10%, it is **31.7770, 18.3509, -5.9434**.

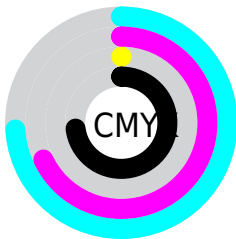
Distribution



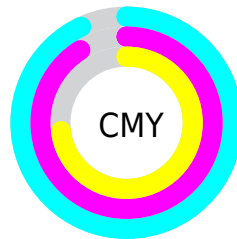
- Red (7%)
- Green (9%)
- Blue (27%)



- Red (7%)
- Yellow (9%)
- Blue (27%)



- Cyan (74%)
- Magenta (68%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.1620, 21.1191, -7.1581 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 26.1620, 21.1191, -7.1581 by changing the saturation by 10% instead.

■ 26.1620, 21.1191,
-7.1581

■ 26.1620, 21.1191,
-7.1581

■ 250.3040, 2.3151,
4.1184

■ 5.3580, 20.5295,
-4.6990

■ 71.3520, 22.9975,
-2.9397

■ 3.4370, 10.6306,
-3.0142

■ 95.8790, 23.7237,
-2.5249

■ 0.0000, 0.0000,
0.0000

■ 120.7050, 24.3024,
-1.4953

■ 146.9330, 25.1760,
-1.6952

■ 173.4600, 25.9022,
-1.2804

■ 200.9870, 26.6284,

-0.8656

■ 226.0940, 14.2507,
2.5486

■ 26.1620, 21.1191,
-7.1581

■ 26.1620, 21.1191,
-7.1581

■ 20.5470, 23.8873,
-8.3727

■ 31.7770, 18.3509,
-5.9434

■ 14.3450, 26.9449,
-9.0726

■ 37.9790, 15.2934,
-5.2436

■ 10.8010, 28.6921,
-9.4725

■ 43.5940, 12.5252,
-4.0289

■ 49.2090, 9.7570,
-2.8143

■ 55.4110, 6.6994,
-2.1144

■ 60.7270, 4.0786,
-1.5146

■ 66.9290, 1.0210,
-0.8147

■ 72.5440, -1.7472,
0.3999

■ 78.1590, -4.5154,
1.6146

Harmonies

Analogous

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



26.7470, 23.7887, -23.4571



26.1620, 21.1191, -7.1581



25.2970, 13.1646, 24.2955

Triad

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



26.1620, 21.1191, -7.1581



24.9510, -12.3008, 25.4760



25.1560, -0.0769, -22.0618

Complementary

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



26.1620, 21.1191, -7.1581



60.8380, -21.1191, 7.1581

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.



21.1320, -10.4181, -18.5328



26.1620, 21.1191, -7.1581



26.3250, -12.9782, 9.3620

Square

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



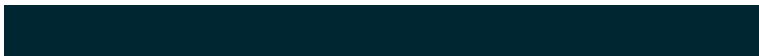
26.1620, 21.1191, -7.1581



19.4350, -9.5815, 39.9605



22.6710, -11.1768, -8.4815



27.8920, 10.4062, -24.4613

Rectangle

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



26.1620, 21.1191, -7.1581



23.1690, 7.3117, 34.9318



22.6710, -11.1768, -8.4815



24.2440, -3.5713, -21.2620

Sweetspot

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



26.1620, 21.1191, -7.1581



72.7530, 8.0098, -2.4144



53.2950, 5.7706, -30.9537



35.9550, 4.9522, -1.7145



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



26.1620, 21.1191, -7.1581



22.5280, 32.7707, -10.9871



30.0930, 19.1812, 7.8114



32.4560, 1.7472, -0.3999



15.9820, 40.9279, -14.0162



36.4440, 93.9441, -31.9614

Inverse Universe

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



33.7050, -5.7706, 30.9537



34.3050, -9.0244, 47.9675



56.9070, -19.1812, -7.8114



33.1960, -0.5896, 2.4591



30.5130, -11.0989, 60.0631



69.9250, -25.5990, 137.7548

Previews

White Background



This preview shows how the YUV color 26.1620, 21.1191, -7.1581 looks on a white background.

Color Contrast Check

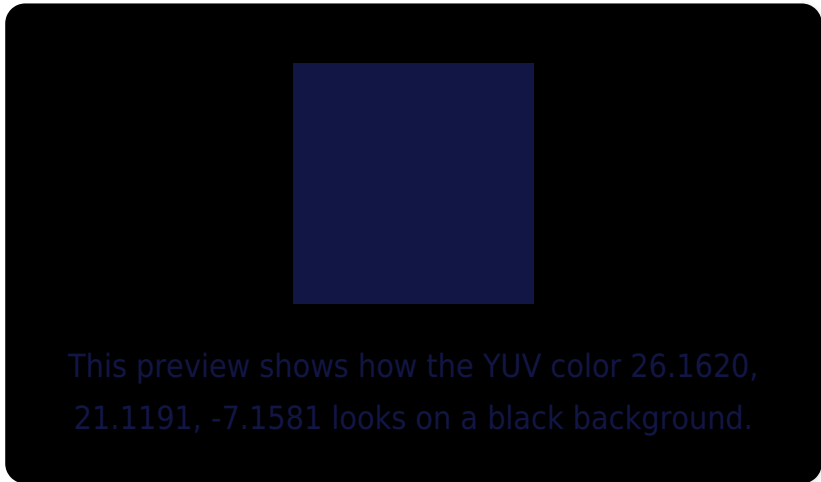
Large Text (above 18pt) WCAG AA ✓ Pass

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

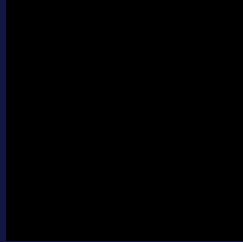
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.1620, 21.1191, -7.1581

Background



This preview shows how black text looks on a background with the YUV color 26.1620, 21.1191, -7.1581.



This preview shows how white text looks on a background with the YUV color 26.1620, 21.1191,

-7.1581.

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

26.1620, 21.1191, -7.1581

Protanopia

22.4610, 17.5207, -19.6983

Deuteranopia

22.6090, 13.0108, -19.8281



Tritanopia

21.9590, 5.4432, -19.2580

Trichromacy



Original Color

26.1620, 21.1191, -7.1581

Protanomaly

23.8360, 18.8149, -14.7652

Deuteranomaly

23.7390, 15.9047, -14.6801

Tritanomaly

23.7730, 10.9579, -14.7099

Monochromacy



Original Color

26.1620, 21.1191, -7.1581

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.3400, 7.7204, -2.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.1620, 21.1191, -7.1581 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(18, 22, 69)` looks like.

```
.text, #text, p{  
    color:rgb(18, 22, 69)  
}
```

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(18, 22, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 22, 69) }
```

Border

The CSS property to change the border of an element to YUV 26.1620, 21.1191, -7.1581 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(18, 22, 69) }
```


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

```
.border{ border-color:rgb(18, 22, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 22, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 22, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 22, 69);  
box-shadow:4px 4px 4px 4px rgb(18, 22, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.1620, 21.1191, -7.1581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 22, 69) }
```

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

```
.background{ background-color: rgb(18, 22,  
69) }
```

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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