

Converting Colors

YUV(29.0020, 10.3520, -7.0178)

Have a look what the booklet for
YUV(29.0020, 10.3520, -7.0178)
contains.

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Color

**YUV(29.0020, 10.3520,
-7.0178)**

Conversions

Conversions Part 1

Format	Color
Hex	151D32
RGB	21, 29, 50
RGB Percent	8%, 11%, 20%
CMY	0.9176, 0.8863, 0.8039
CMYK	0.58, 0.42, 0.00, 0.80
HSL	223°, 41%, 14%
HSV	223°, 58%, 20%
XYZ	1.3243, 1.2684, 3.1926
YIQ	29.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

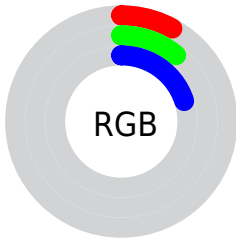
Format	Color
R_{YB}	21, 27, 50
Decimal	1383730
CIE _{Lab}	11.05, 3.71, -15.03
CIE _{LCh}	11, 15.480, 283.861
Yxy	1.2684, 0.2289, 0.2192
Android (android.graphics.Color)	4279573810 (0xFF151D32)
YUV	29.0020, 10.3520, -7.0178
Hunter-Lab	11.2625, 1.2801, -8.9234

Details

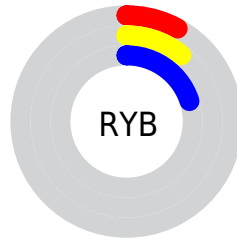
The YUV color **29.0020, 10.3520, -7.0178** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.9980, -10.3520, 7.0178**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.9420, 11.3676, -6.0881**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.1590, 12.2466, -8.0324**, and if you desaturate by 10%, it is **32.8450, 8.4574, -6.0031**.

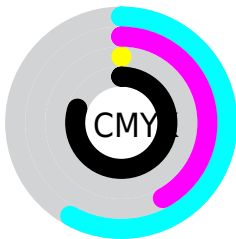
Distribution



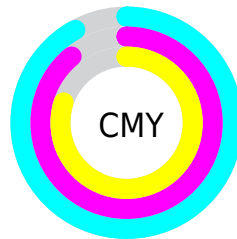
- Red (8%)
- Green (11%)
- Blue (20%)



- Red (8%)
- Yellow (11%)
- Blue (20%)



- Cyan (58%)
- Magenta (42%)
- Yellow (0%)
- Black (80%)



- Cyan (92%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.0020, 10.3520, -7.0178 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 29.0020, 10.3520, -7.0178 by changing the saturation by 10% instead.

■ 29.0020, 10.3520,
-7.0178

■ 29.0020, 10.3520,
-7.0178

■ 253.8040, 0.5896,
-2.4591

■ 4.4800, 12.0884,
-3.9290

■ 72.9420, 11.3676,
-6.0881

■ 0.0000, 0.0000,
0.0000

■ 97.0560, 11.8044,
-6.1881

■ 122.1700, 12.2412,
-6.2881

■ 147.3980, 13.1148,
-6.4880

■ 174.3980, 13.1148,
-6.4880

■ 201.5120, 13.5516,

-6.5880

■ 229.2840, 12.6780,
-6.3881

■ 29.0020, 10.3520,
-7.0178

■ 29.0020, 10.3520,
-7.0178

■ 25.1590, 12.2466,
-8.0324

■ 32.8450, 8.4574,
-6.0031

■ 21.9030, 13.8518,
-9.5619

■ 36.1010, 6.8522,
-4.4736

■ 18.0600, 15.7464,
-10.5766

■ 39.9440, 4.9576,
-3.4589

■ 14.8040, 17.3516,
-12.1061

■ 43.2000, 3.3524,
-1.9294

■ 13.9180, 17.7884,
-12.2061

■ 47.0430, 1.4578,
-0.9147

■ 50.8860, -0.4368,
0.1000

■ 54.1420, -2.0420,
1.6295

■ 57.9850, -3.9366,
2.6442

■ 61.8280, -5.8312,
3.6588

Harmonies

Analogous

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



24.4840, 12.5794, -21.4725



29.0020, 10.3520, -7.0178



30.8680, 6.9671, 5.3778

Triad

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



29.0020, 10.3520, -7.0178



29.4490, -7.6164, 16.2692



24.3630, -0.6720, -17.8584

Complementary

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



29.0020, 10.3520, -7.0178



41.9980, -10.3520, 7.0178

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.



26.7190, -7.2565, -5.8926



29.0020, 10.3520, -7.0178



28.5640, -12.1101, 10.9064

Square

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



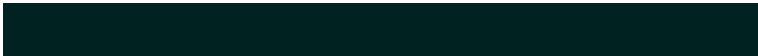
29.0020, 10.3520, -7.0178



30.1270, -2.5276, 17.4286



27.5200, -12.0884, 3.9290



24.4210, 4.7224, -21.4172

Rectangle

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



29.0020, 10.3520, -7.0178



30.5160, 4.1826, 11.8255



27.5200, -12.0884, 3.9290



25.2280, -2.5774, -13.3550

Sweetspot

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



29.0020, 10.3520, -7.0178



56.0150, 3.9366, -2.6442



40.4170, 0.7804, -17.0287



28.2710, 2.3314, -1.1147



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



29.0020, 10.3520, -7.0178



31.1740, 16.1832, -10.6766



26.1000, 11.7827, 0.7893



23.9290, 1.0210, -0.8147



24.8210, 31.6402, -21.7680



59.9580, 77.4217, -52.5832

Inverse Universe

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



30.5830, -0.7804, 17.0287



33.8230, -1.3917, 26.4652



44.9000, -11.7827, -0.7893



24.0110, -0.0054, 1.7444



29.4610, -2.1993, 52.2157



71.7230, -5.7794, 127.4079

Previews

White Background



This preview shows how the YUV color 29.0020, 10.3520, -7.0178 looks on a white background.

Color Contrast Check

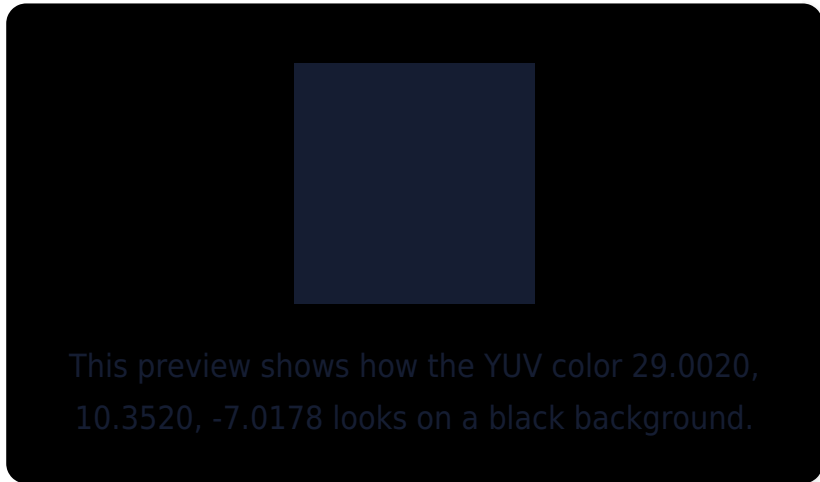
Large Text (above 18pt) WCAG AA ✓ Pass

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

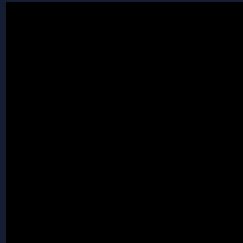
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.0020, 10.3520, -7.0178

Background



This preview shows how black text looks on a background with the YUV color 29.0020, 10.3520, -7.0178.



This preview shows how white text looks on a background with the YUV color 29.0020, 10.3520,

-7.0178.

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

29.0020, 10.3520, -7.0178

Protanopia

29.0020, 10.3520, -7.0178

Deuteranopia

28.0940, 10.7997, -10.6064



Tritanopia

27.2590, 3.8163, -10.7511

Trichromacy



Original Color

29.0020, 10.3520, -7.0178

Protanomaly

29.0020, 10.3520, -7.0178

Deuteranomaly

28.6920, 10.5048, -9.3769

Tritanomaly

27.8400, 5.9949, -9.5067

Monochromacy



Original Color

29.0020, 10.3520, -7.0178

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.0150, 3.9366, -2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.0020, 10.3520, -7.0178 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(21, 29, 50)` looks like.

```
.text, #text, p{  
    color:rgb(21, 29, 50)  
}
```

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(21, 29, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 29, 50) }
```

Border

The CSS property to change the border of an element to YUV 29.0020, 10.3520, -7.0178 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(21, 29, 50) }
```


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

```
.border{ border-color:rgb(21, 29, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 29, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 29, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 29, 50);  
box-shadow:4px 4px 4px 4px rgb(21, 29, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.0020, 10.3520, -7.0178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 29, 50) }
```

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

```
.background{ background-color: rgb(21, 29,  
50) }
```

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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