

Converting Colors

YUV(28.7620, 10.9633,
-16.4543)

Have a look what the booklet for
YUV(28.7620, 10.9633, -16.4543)
contains.

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Color

**YUV(28.7620, 10.9633,
-16.4543)**

Conversions

Conversions Part 1

Format	Color
Hex	0A2233
RGB	10, 34, 51
RGB Percent	4%, 13%, 20%
CMY	0.9608, 0.8667, 0.8000
CMYK	0.80, 0.33, 0.00, 0.80
HSL	205°, 67%, 12%
HSV	205°, 80%, 20%
XYZ	1.2947, 1.4476, 3.3431
YIQ	28.7620, -19.7610, 0.1990

Conversions

Conversions Part 2

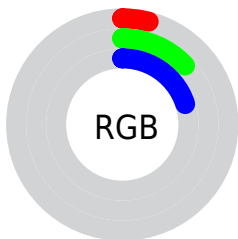
Format	Color
R_{YB}	10, 25, 51
Decimal	664115
CIE _{Lab}	12.27, -2.44, -13.88
CIE _{LCh}	12, 14.097, 260.014
Yxy	1.4476, 0.2128, 0.2379
Android (android.graphics.Color)	4278854195 (0xFF0A2233)
YUV	28.7620, 10.9633, -16.4543
Hunter-Lab	12.0316, -1.8467, -8.0523

Details

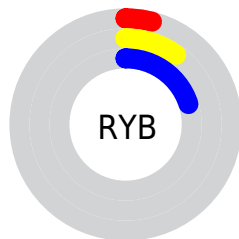
The YUV color **28.7620, 10.9633, -16.4543** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32.2380, -10.9633, 16.4543**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.8870, 11.3947, -14.8099**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **26.0930, 12.2792, -18.4986**, and if you desaturate by 10%, it is **31.4310, 9.6475, -14.4100**.

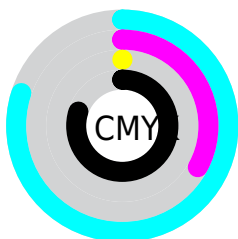
Distribution



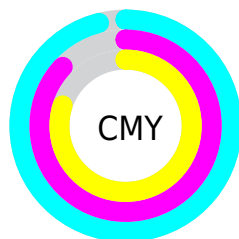
- Red (4%)
- Green (13%)
- Blue (20%)



- Red (4%)
- Yellow (10%)
- Blue (20%)



- Cyan (80%)
- Magenta (33%)
- Yellow (0%)
- Black (80%)



- Cyan (96%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.7620, 10.9633, -16.4543 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 28.7620, 10.9633, -16.4543 by changing the saturation by 10% instead.

■ 28.7620, 10.9633,
-16.4543

■ 28.7620, 10.9633,
-16.4543

■ 251.1130, 1.9163,
-7.9921

■ 9.8770, 9.9206,
-8.6621

■ 73.8870, 11.3947,
-14.8099

■ 0.1140, 0.4368,
-0.1000

■ 98.0010, 11.8315,
-14.9099

■ 0.0000, 0.0000,
0.0000

■ 123.1150, 12.2683,
-15.0099

■ 149.2290, 12.7051,
-15.1098

■ 175.9300, 12.8525,
-15.7246

■ 203.0440, 13.2893,

-15.8246

■ 230.7020, 11.9789,
-15.5247

■ 28.7620, 10.9633,
-16.4543

■ 28.7620, 10.9633,
-16.4543

■ 26.0930, 12.2792,
-18.4986

■ 31.4310, 9.6475,
-14.4100

■ 23.4240, 13.5950,
-20.5428

■ 34.1000, 8.3317,
-12.3657

■ 36.7690, 7.0159,
-10.3214

■ 39.4380, 5.7001,
-8.2771

■ 42.9930, 3.9475,
-6.1329

■ 45.6620, 2.6316,
-4.0886

■ 48.3310, 1.3158,
-2.0443

■ 51.0000, 0.0000,
0.0000

■ 53.6690, -1.3158,
2.0443

Harmonies

Analogous

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



26.4900, 10.1114, -23.2317



28.7620, 10.9633, -16.4543



32.2690, 8.7414, -3.7439

Triad

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



28.7620, 10.9633, -16.4543



32.8880, -3.3958, 15.8842



29.5770, -5.2145, -7.5220

Complementary

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



28.7620, 10.9633, -16.4543



32.2380, -10.9633, 16.4543

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.



30.3070, -9.0254, 1.4848



28.7620, 10.9633, -16.4543



32.1390, -7.4635, 13.9101

Square

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



28.7620, 10.9633, -16.4543



33.4300, 1.2670, 13.6549



31.1230, -9.9206, 8.6621



27.0040, 0.4910, -17.5435

Rectangle

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



28.7620, 10.9633, -16.4543



32.8570, 6.9725, 3.6334



31.1230, -9.9206, 8.6621



29.8440, -6.8251, -4.2482

Sweetspot

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



28.7620, 10.9633, -16.4543



57.6940, 4.0949, -6.7476



35.8910, -4.8763, -22.7064



27.9610, 2.4842, -3.4738



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.



28.7620, 10.9633, -16.4543



31.9010, 16.8108, -25.3462



17.0220, 16.7512, -6.1583



23.9290, 1.0210, -0.8147



40.6700, 23.8267, -35.6676



99.2870, 58.0325, -87.0747

Inverse Universe

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



24.9950, 4.4395, 22.8064



26.0550, 6.8749, 35.0318



43.9780, -16.7512, 6.1583



24.0110, -0.0054, 1.7444



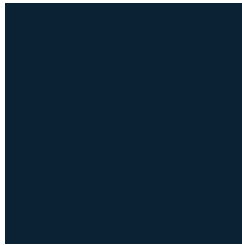
32.5390, 9.5943, 49.5163



79.3610, 23.4860, 120.7094

Previews

White Background



This preview shows how the YUV color 28.7620, 10.9633, -16.4543 looks on a white background.

Color Contrast Check

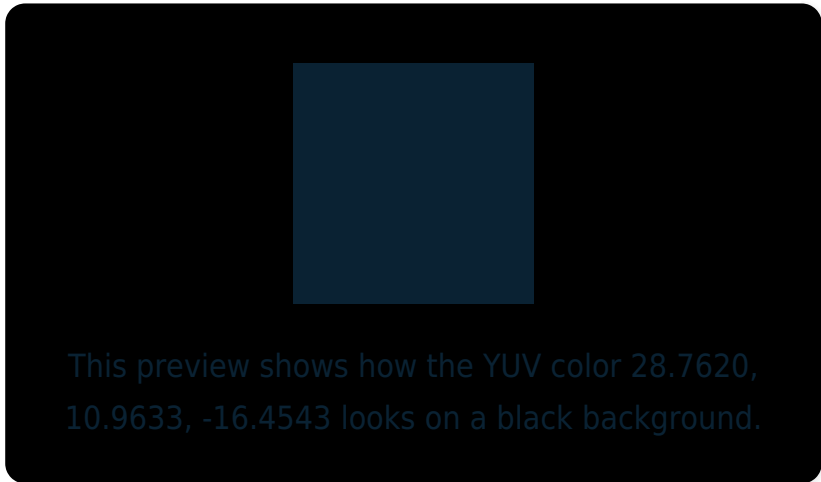
Large Text (above 18pt) WCAG AA ✓ Pass

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

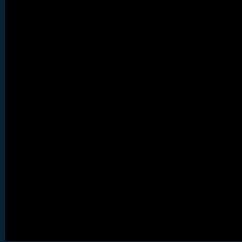
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.7620, 10.9633, -16.4543

Background



This preview shows how black text looks on a background with the YUV color 28.7620, 10.9633, -16.4543.



This preview shows how white text looks on a background with the YUV color 28.7620, 10.9633,

-16.4543.

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

28.7620, 10.9633, -16.4543

Protanopia

32.1440, 8.3100, -5.3883

Deuteranopia

31.1760, 9.7732, -8.0474



Tritanopia

25.5780, 6.6170, -22.4319

Trichromacy



Original Color

28.7620, 10.9633, -16.4543

Protanomaly

31.0510, 9.3419, -9.6917

Deuteranomaly

30.5670, 10.0735, -11.0213

Tritanomaly

26.6430, 8.0640, -19.8579

Monochromacy



Original Color

28.7620, 10.9633, -16.4543

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.9930, 3.9475, -6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.7620, 10.9633, -16.4543 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(10, 34, 51)` looks like.

```
.text, #text, p{  
    color:rgb(10, 34, 51)  
}
```

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(10, 34, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 34, 51) }
```

Border

The CSS property to change the border of an element to YUV 28.7620, 10.9633, -16.4543 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(10, 34, 51) }
```


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

```
.border{ border-color:rgb(10, 34, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 34, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 34, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 34, 51);  
box-shadow:4px 4px 4px 4px rgb(10, 34, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.7620, 10.9633, -16.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 34, 51) }
```

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

```
.background{ background-color: rgb(10, 34,  
51) }
```

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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