

Converting Colors

YUV(30.6750, 12.9782, -9.3620)

Have a look what the booklet for
YUV(30.6750, 12.9782, -9.3620)
contains.

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Color

**YUV(30.6750, 12.9782,
-9.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	141F39
RGB	20, 31, 57
RGB Percent	8%, 12%, 22%
CMY	0.9216, 0.8784, 0.7765
CMYK	0.65, 0.46, 0.00, 0.78
HSL	222°, 48%, 15%
HSV	222°, 65%, 22%
XYZ	1.5170, 1.4241, 4.0658
YIQ	30.6750, -14.9020, 5.7540

Conversions

Conversions Part 2

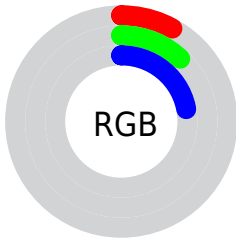
Format	Color
R_{YB}	20, 28, 57
Decimal	1318713
CIE _{Lab}	12.12, 4.69, -18.37
CIE _{LCh}	12, 18.961, 284.332
Yxy	1.4241, 0.2165, 0.2032
Android (android.graphics.Color)	4279508793 (0xFF141F39)
YUV	30.6750, 12.9782, -9.3620
Hunter-Lab	11.9336, 1.8072, -11.8468

Details

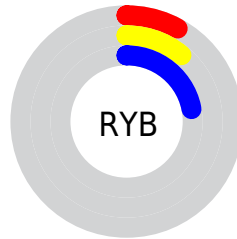
The YUV color **30.6750, 12.9782, -9.3620** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **46.3250, -12.9782, 9.3620**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.6150, 13.9938, -8.4324**, and **1.3680, 5.2416, -1.1997** is the 20% darker color. If you saturate the color by 10%, you get **26.5330, 15.0202, -10.9914**, and if you desaturate by 10%, it is **34.8170, 10.9362, -7.7325**.

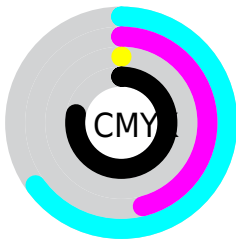
Distribution



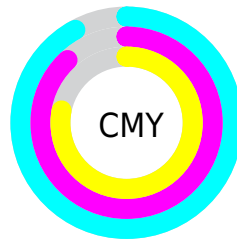
- Red (8%)
- Green (12%)
- Blue (22%)



- Red (8%)
- Yellow (11%)
- Blue (22%)



- Cyan (65%)
- Magenta (46%)
- Yellow (0%)
- Black (78%)



- Cyan (92%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.6750, 12.9782, -9.3620 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 30.6750, 12.9782, -9.3620 by changing the saturation by 10% instead.

■ 30.6750, 12.9782,
-9.3620

■ 30.6750, 12.9782,
-9.3620

■ 254.1030, 0.4422,
-1.8443

■ 7.6260, 13.9884,
-6.6880

■ 75.6150, 13.9938,
-8.4324

■ 1.3680, 5.2416,
-1.1997

■ 99.1420, 14.7200,
-8.0175

■ 0.0000, 0.0000,
0.0000

■ 124.3700, 15.5936,
-8.2175

■ 150.3700, 15.5936,
-8.2175

■ 176.8970, 16.3198,
-7.8027

■ 204.5980, 16.4672,

-8.4174

■ 231.6430, 11.5150,
-6.7029

■ 30.6750, 12.9782,
-9.3620

■ 30.6750, 12.9782,
-9.3620

■ 26.5330, 15.0202,
-10.9914

■ 34.8170, 10.9362,
-7.7325

■ 22.6900, 16.9148,
-12.0061

■ 38.6600, 9.0416,
-6.7178

■ 18.5480, 18.9568,
-13.6356

■ 42.8020, 6.9996,
-5.0884

■ 16.4770, 19.9778,
-14.4503

■ 46.9440, 4.9576,
-3.4589

■ 51.0860, 2.9156,
-1.8294

■ 54.9290, 1.0210,
-0.8147

■ 59.0710, -1.0210,
0.8147

■ 63.2130, -3.0630,
2.4442

■ 67.0560, -4.9576,
3.4589

Harmonies

Analogous

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



27.0430, 14.7688, -23.7167



30.6750, 12.9782, -9.3620



33.2210, 8.2720, 6.8222

Triad

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



30.6750, 12.9782, -9.3620



31.3030, -9.5164, 19.0283



25.0420, -0.5137, -21.9618

Complementary

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



30.6750, 12.9782, -9.3620



46.3250, -12.9782, 9.3620

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.



27.9530, -8.8508, -7.8518



30.6750, 12.9782, -9.3620



30.1900, -14.8837, 13.8654

Square

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



30.6750, 12.9782, -9.3620



31.4480, -2.6859, 21.5321



29.5370, -14.5617, 3.9141



26.6380, 5.6015, -23.3615

Rectangle

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



30.6750, 12.9782, -9.3620



32.4670, 5.1928, 14.4994



29.5370, -14.5617, 3.9141



25.4940, -2.7085, -17.9732

Sweetspot

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



30.6750, 12.9782, -9.3620



63.9440, 4.9576, -3.4589



44.6830, 0.6493, -21.6470



31.7870, 3.0630, -2.4442



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



30.6750, 12.9782, -9.3620



32.5910, 20.4146, -14.5503



26.3110, 15.1297, 0.6043



25.9290, 1.0210, -0.8147



26.3370, 32.3719, -23.0975



63.1210, 76.8483, -55.3571

Inverse Universe

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



32.3170, -0.6493, 21.6470



35.2800, -1.1240, 33.9574



50.6890, -15.1297, -0.6043



26.0110, -0.0054, 1.7444



30.5860, -1.7679, 53.8601



72.8910, -3.8903, 128.1376

Previews

White Background



This preview shows how the YUV color 30.6750, 12.9782, -9.3620 looks on a white background.

Color Contrast Check

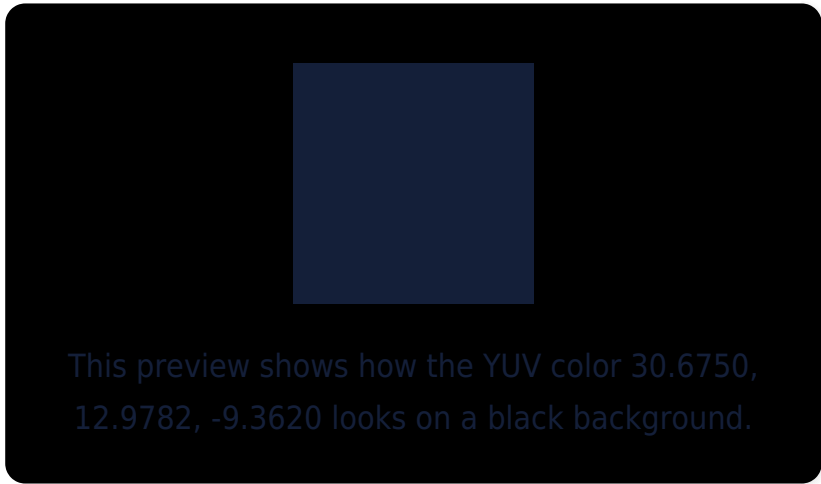
Large Text (above 18pt) WCAG AA ✓ Pass

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

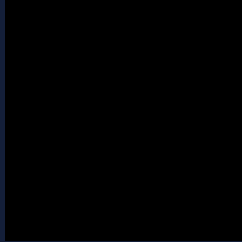
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.6750, 12.9782, -9.3620

Background



This preview shows how black text looks on a background with the YUV color 30.6750, 12.9782, -9.3620.



This preview shows how white text looks on a background with the YUV color 30.6750, 12.9782,

-9.3620.

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

30.6750, 12.9782, -9.3620

Protanopia

30.6750, 12.9782, -9.3620

Deuteranopia

27.9730, 14.3103, -16.6393



Tritanopia

27.2690, 5.2904, -16.8989

Trichromacy



Original Color

30.6750, 12.9782, -9.3620

Protanomaly

30.6750, 12.9782, -9.3620

Deuteranomaly

29.1690, 13.7207, -14.1802

Tritanomaly

28.6760, 8.0477, -14.6249

Monochromacy



Original Color

30.6750, 12.9782, -9.3620

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.6750, 12.9782, -9.3620 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, 31, 57)` looks like.

```
.text, #text, p{  
    color:rgb(20, 31, 57)  
}
```

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, 31, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 31, 57) }
```

Border

The CSS property to change the border of an element to YUV 30.6750, 12.9782, -9.3620 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, 31, 57) }
```


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

```
.border{ border-color:rgb(20, 31, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 31, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 31, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 31, 57);  
box-shadow:4px 4px 4px 4px rgb(20, 31, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.6750, 12.9782, -9.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 31, 57) }
```

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

```
.background{ background-color: rgb(20, 31,  
57) }
```

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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