

Converting Colors

YUV(32.6650, 28.2662,
-12.8612)

Have a look what the booklet for
YUV(32.6650, 28.2662, -12.8612)
contains.

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Color

**YUV(32.6650, 28.2662,
-12.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	121D5A
RGB	18, 29, 90
RGB Percent	7%, 11%, 35%
CMY	0.9294, 0.8863, 0.6471
CMYK	0.80, 0.68, 0.00, 0.65
HSL	231°, 67%, 21%
HSV	231°, 80%, 35%
XYZ	2.5343, 1.7455, 9.8762
YIQ	32.6650, -26.1370, 16.6390

Conversions

Conversions Part 2

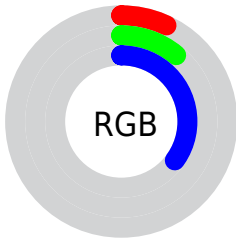
Format	Color
R _Y B	18, 28, 90
Decimal	1187162
CIE Lab	14.09, 19.67, -37.98
CIE LCh	14, 42.773, 297.383
Yxy	1.7455, 0.1790, 0.1233
Android (android.graphics.Color)	4279377242 (0xFF121D5A)
YUV	32.6650, 28.2662, -12.8612
Hunter-Lab	13.2118, 11.1192, -35.0728

Details

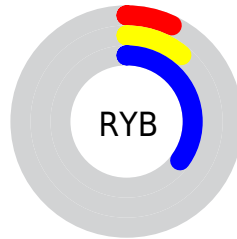
The YUV color **32.6650, 28.2662, -12.8612** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **75.3350, -28.2662, 12.8612**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.4640, 29.8442, -5.6689**, and **6.6630, 17.9141, -5.8435** is the 20% darker color. If you saturate the color by 10%, you get **25.2780, 31.9079, -14.2758**, and if you desaturate by 10%, it is **40.0520, 24.6244, -11.4466**.

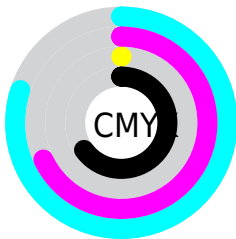
Distribution



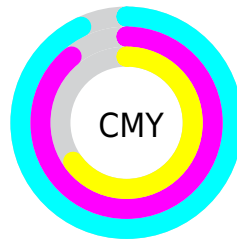
- Red (7%)
- Green (11%)
- Blue (35%)



- Red (7%)
- Yellow (11%)
- Blue (35%)



- Cyan (80%)
- Magenta (68%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6650, 28.2662, -12.8612 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 32.6650, 28.2662, -12.8612 by changing the saturation by 10% instead.

■ 32.6650, 28.2662,
-12.8612

■ 32.6650, 28.2662,
-12.8612

■ 255.0000, 0.0000,
0.0000

■ 11.0460, 27.0923,
-9.6873

■ 80.4640, 29.8442,
-5.6689

■ 6.6630, 17.9141,
-5.8435

■ 105.4040, 30.8598,
-4.7393

■ 3.0950, 9.3202,
-2.7143

■ 130.9310, 31.5860,
-4.3245

■ 0.0000, 0.0000,
0.0000

■ 157.4580, 32.3122,
-3.9097

■ 184.3980, 33.3278,
-2.9800

■ 209.5480, 22.4078,

-0.4806

234.6550, 10.0301,
2.9336

32.6650, 28.2662,
-12.8612

32.6650, 28.2662,
-12.8612

25.2780, 31.9079,
-14.2758

40.0520, 24.6244,
-11.4466

18.4780, 35.2603,
-16.2052

46.8520, 21.2720,
-9.5172

54.2390, 17.6302,
-8.1026

61.0390, 14.2778,
-6.1732

68.4260, 10.6360,
-4.7586

■ 75.8130, 6.9942,
-3.3440

■ 82.6130, 3.6418,
-1.4146

■ 90.0000, 0.0000,
0.0000

■ 97.3870, -3.6418,
1.4146

Harmonies

Analogous

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



35.1250, 30.5044, -30.8046



32.6650, 28.2662, -12.8612



30.8340, 18.8158, 31.7176

Triad

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



32.6650, 28.2662, -12.8612



32.0830, -15.8169, 33.2532



31.8240, 0.0868, -27.9096

Complementary

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



32.6650, 28.2662, -12.8612



75.3350, -28.2662, 12.8612

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.



27.0020, -13.3120, -23.6808



32.6650, 28.2662, -12.8612



34.3100, -16.9148, 12.0061

Square

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



32.6650, 28.2662, -12.8612



25.8000, -9.7614, 51.0414



30.0360, -14.8077, -10.5556



35.3580, 13.6275, -31.0090

Rectangle

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



32.6650, 28.2662, -12.8612



29.9190, 9.8999, 44.7980



30.0360, -14.8077, -10.5556



30.0970, -3.9918, -26.3951

Sweetspot

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



32.6650, 28.2662, -12.8612



94.5400, 11.0728, -4.8586



67.1040, 5.3717, -43.0642



45.1120, 6.8468, -2.7292



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



32.6650, 28.2662, -12.8612



27.7470, 44.0017, -19.9491



33.3840, 27.9117, 7.5562



42.1570, 1.8946, -1.0147



22.5190, 43.1281, -19.7492



48.1500, 93.1030, -42.2276

Inverse Universe

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



40.7820, -5.8085, 43.1642



40.4260, -9.0840, 67.1554



74.6160, -27.9117, -7.5562



42.6090, -0.3002, 2.9739



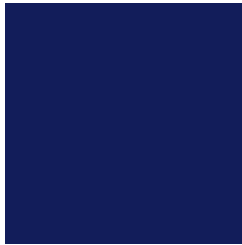
34.8280, -8.7892, 65.9258



74.9670, -19.2107, 142.1029

Previews

White Background



This preview shows how the YUV color 32.6650, 28.2662, -12.8612 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



This preview shows how the YUV color 32.6650, 28.2662, -12.8612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

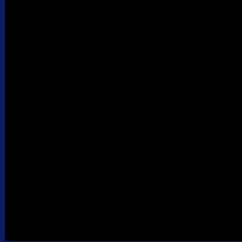
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.6650, 28.2662, -12.8612

Background



This preview shows how black text looks on a background with the YUV color 32.6650, 28.2662, -12.8612.



This preview shows how white text looks on a background with the YUV color 32.6650, 28.2662,

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

32.6650, 28.2662, -12.8612

Protanopia

28.9810, 22.1944, -25.4163

Deuteranopia

29.4880, 16.5214, -25.8610



Tritanopia

28.9690, 6.9173, -25.4058

Trichromacy



Original Color

32.6650, 28.2662, -12.8612

Protanomaly

30.5840, 24.3621, -20.6832

Deuteranomaly

30.9600, 20.7257, -21.0129

Tritanomaly

30.6520, 14.4686, -20.7428

Monochromacy



Original Color

32.6650, 28.2662, -12.8612

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.3120, 10.1992, -4.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6650, 28.2662, -12.8612 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, 29, 90)` looks like.

```
.text, #text, p{  
    color:rgb(18, 29, 90)  
}
```

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, 29, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 29, 90) }
```

Border

The CSS property to change the border of an element to YUV 32.6650, 28.2662, -12.8612 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, 29, 90) }
```


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

```
.border{ border-color:rgb(18, 29, 90) }
```

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

Here you see how a box with a 4 pixel rgb(18, 29, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 29, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 29, 90);  
box-shadow:4px 4px 4px 4px rgb(18, 29, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.6650, 28.2662, -12.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 29, 90) }
```

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

```
.background{ background-color: rgb(18, 29,  
90) }
```

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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