

Converting Colors

YUV(32.6470, 2.1460, 11.7106)

Have a look what the booklet for
YUV(32.6470, 2.1460, 11.7106)
contains.

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Color

**YUV(32.6470, 2.1460,
11.7106)**

Conversions

Conversions Part 1

Format	Color
Hex	2E1925
RGB	46, 25, 37
RGB Percent	18%, 10%, 15%
CMY	0.8196, 0.9020, 0.8549
CMYK	0.00, 0.46, 0.20, 0.82
HSL	326°, 30%, 14%
HSV	326°, 46%, 18%
XYZ	1.8083, 1.4097, 1.9271
YIQ	32.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

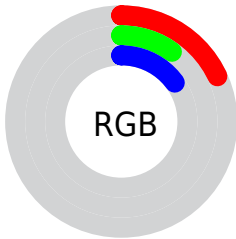
Format	Color
R_YB	46, 25, 37
Decimal	3021093
CIE _{Lab}	12.02, 12.69, -3.81
CIE _{LCh}	12, 13.253, 343.307
Yxy	1.4097, 0.3515, 0.2740
Android (android.graphics.Color)	4281211173 (0xFF2E1925)
YUV	32.6470, 2.1460, 11.7106
Hunter-Lab	11.8730, 6.4081, -1.3120

Details

The YUV color **32.6470, 2.1460, 11.7106** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38.3530, -2.1460, -11.7106**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.7720, 2.5774, 13.3550**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.4840, 2.7194, 14.4845**, and if you desaturate by 10%, it is **35.8100, 1.5727, 8.9366**.

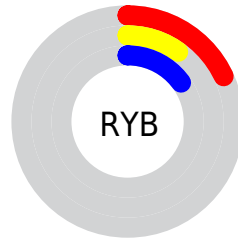
Distribution



Red (18%)

Green (10%)

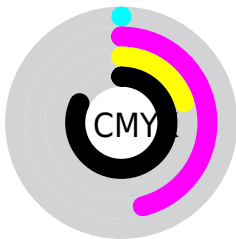
Blue (15%)



Red (18%)

Yellow (10%)

Blue (15%)

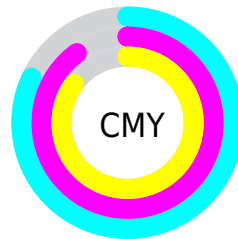


Cyan (0%)

Magenta (46%)

Yellow (20%)

Black (82%)



Cyan (82%)

Magenta (90%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6470, 2.1460, 11.7106 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 32.6470, 2.1460, 11.7106 by changing the saturation by 10% instead.

■ 32.6470, 2.1460,
11.7106

■ 32.6470, 2.1460,
11.7106

■ 253.8260, 0.5788,
1.0296

■ 9.8970, 3.0088,
14.9993

■ 76.7720, 2.5774,
13.3550

■ 0.0000, 0.0000,
0.0000

■ 101.0710, 2.4300,
13.9697


■ 126.3700, 2.2826,
14.5845


■ 152.0820, 2.4246,
15.7141

■ 179.0820, 2.4246,
15.7141

■ 206.3810, 2.2772,


16.3289

 234.7940, 2.5666,
16.8437


 32.6470, 2.1460,
11.7106

 32.6470, 2.1460,
11.7106

 29.4840, 2.7194,
14.4845


 35.8100, 1.5727,
8.9366


 26.9080, 3.0034,
16.7437

 38.3860, 1.2887,
6.6775


 23.7450, 3.5767,
19.5176

 41.5490, 0.7153,
3.9035

 21.1690, 3.8607,
21.7768

 44.1250, 0.4314,
1.6444

 18.0060, 4.4340,
24.5507

 47.2880, -0.1420,
-1.1296

■ 16.7180, 4.5760,
25.6803

■ 50.4510, -0.7153,
-3.9035

■ 53.0270, -0.9993,
-6.1627

■ 56.1900, -1.5727,
-8.9366

■ 58.7660, -1.8566,
-11.1958

Harmonies

Analogous

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



32.9280, 5.9515, 4.4481



32.6470, 2.1460, 11.7106



31.9310, -1.9380, 14.9695

Triad

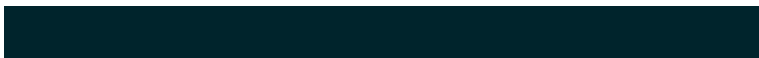
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.6470, 2.1460, 11.7106



30.3180, -9.0308, 3.2291



26.1480, 8.8010, -22.9318

Complementary

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



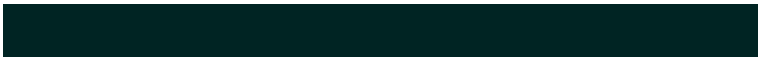
32.6470, 2.1460, 11.7106



38.3530, -2.1460, -11.7106

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.



25.1220, 4.8699, -22.0320



32.6470, 2.1460, 11.7106



29.4740, -5.6567, -5.6777

Square

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



32.6470, 2.1460, 11.7106



31.0630, -8.9051, 9.5917



27.3850, -0.6828, -14.3696



27.9360, 10.3846, -17.4839

Rectangle

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



32.6470, 2.1460, 11.7106



31.8340, -4.8482, 15.0546



27.3850, -0.6828, -14.3696



25.8060, 7.4906, -22.6319

Sweetspot

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



32.6470, 2.1460, 11.7106



53.2610, 0.8573, 5.0331



30.0850, 7.8461, 3.4335



27.1360, 0.4260, 3.3887



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



32.6470, 2.1460, 11.7106



38.0330, 3.4347, 18.3881



31.5070, -2.2220, 12.7104



21.7120, 0.1420, 1.1296



31.7130, 9.0155, 48.4867



77.8940, 21.7443, 119.3650

Inverse Universe

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



32.6470, 2.1460, 11.7106



38.0330, 3.4347, 18.3881



39.4930, 2.2220, -12.7104



21.7120, 0.1420, 1.1296



31.7130, 9.0155, 48.4867



77.8940, 21.7443, 119.3650

Previews

White Background



This preview shows how the YUV color 32.6470, 2.1460, 11.7106 looks on a white background.

Color Contrast Check

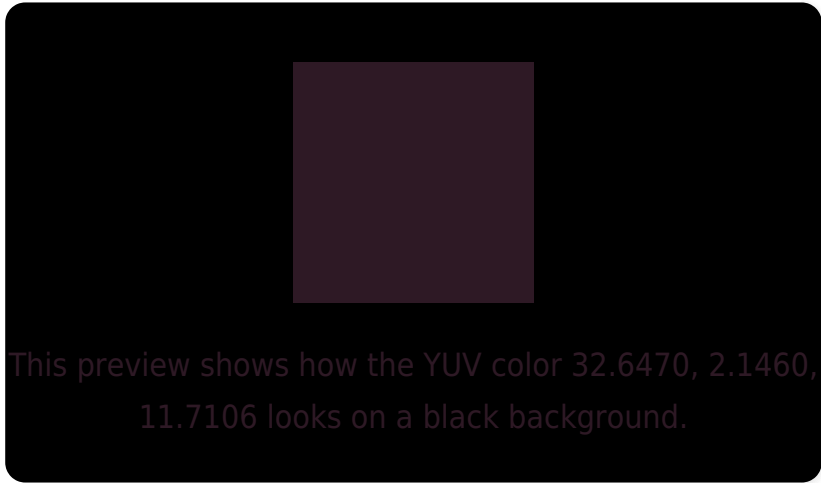
Large Text (above 18pt) WCAG AA ✓ Pass

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

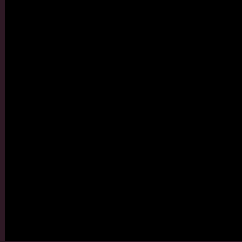
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.6470, 2.1460, 11.7106

Background



This preview shows how black text looks on a background with the YUV color 32.6470, 2.1460, 11.7106.



This preview shows how white text looks on a background with the YUV color 32.6470, 2.1460,

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

32.6470, 2.1460, 11.7106

Protanopia

32.2430, 4.8102, -2.8441

Deuteranopia

32.1680, 1.8892, 0.7297



Tritanopia

32.6100, -1.7797, 10.8660

Trichromacy



Original Color

32.6470, 2.1460, 11.7106

Protanomaly

32.0480, 3.9203, 2.5889

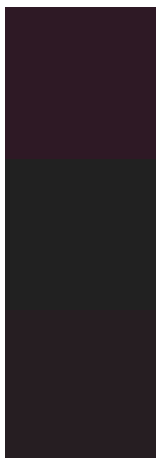
Deuteranomaly

32.4890, 1.7309, 4.8331

Tritanomaly

32.3650, -0.1799, 11.0809

Monochromacy



Original Color

32.6470, 2.1460, 11.7106

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8480, 0.5679, 4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6470, 2.1460, 11.7106 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(46, 25, 37)` looks like.

```
.text, #text, p{  
    color:rgb(46, 25, 37)  
}
```

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(46, 25, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 25, 37) }
```

Border

The CSS property to change the border of an element to YUV 32.6470, 2.1460, 11.7106 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(46, 25, 37) }
```


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

```
.border{ border-color:rgb(46, 25, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 25, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 25, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 25, 37);  
box-shadow:4px 4px 4px 4px rgb(46, 25, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.6470, 2.1460, 11.7106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 25, 37) }
```

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

```
.background{ background-color: rgb(46, 25,  
37) }
```

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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