

Converting Colors

YUV(32.2560, 1.8458, 14.6845)

Have a look what the booklet for
YUV(32.2560, 1.8458, 14.6845)
contains.

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Color

**YUV(32.2560, 1.8458,
14.6845)**

Conversions

Conversions Part 1

Format	Color
Hex	311724
RGB	49, 23, 36
RGB Percent	19%, 9%, 14%
CMY	0.8078, 0.9098, 0.8588
CMYK	0.00, 0.53, 0.27, 0.81
HSL	330°, 36%, 14%
HSV	330°, 53%, 19%
XYZ	1.8915, 1.3931, 1.8383
YIQ	32.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

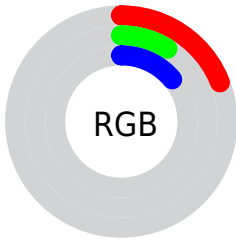
Format	Color
R_{YB}	49, 23, 36
Decimal	3217188
CIE _{Lab}	11.91, 15.18, -3.18
CIE _{LCh}	12, 15.515, 348.160
Yxy	1.3931, 0.3692, 0.2719
Android (android.graphics.Color)	4281407268 (0xFF311724)
YUV	32.2560, 1.8458, 14.6845
Hunter-Lab	11.8031, 7.9493, -0.9719

Details

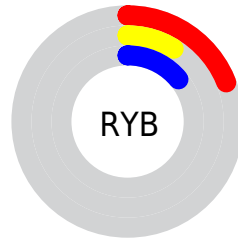
The YUV color **32.2560, 1.8458, 14.6845** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **39.7440, -1.8458, -14.6845**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.1530, 1.4036, 16.5288**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0930, 2.4192, 17.4584**, and if you desaturate by 10%, it is **35.4190, 1.2724, 11.9105**.

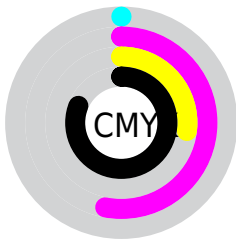
Distribution



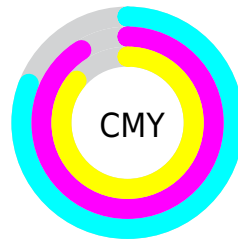
- Red (19%)
- Green (9%)
- Blue (14%)



- Red (19%)
- Yellow (9%)
- Blue (14%)



- Cyan (0%)
- Magenta (53%)
- Yellow (27%)
- Black (81%)



- Cyan (81%)
- Magenta (91%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.2560, 1.8458, 14.6845 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 32.2560, 1.8458, 14.6845 by changing the saturation by 10% instead.

■ 32.2560, 1.8458,
14.6845

■ 32.2560, 1.8458,
14.6845

■ 252.6520, 1.1576,
2.0592

■ 10.6800, 2.1298,
16.9436

■ 77.1530, 1.4036,
16.5288

■ 0.0000, 0.0000,
0.0000

■ 100.8650, 1.5456,
17.6584

■ 126.2780, 1.8349,
18.1732

■ 152.5770, 1.6875,
18.7880

■ 179.1750, 1.3927,
20.0175

■ 206.5880, 1.6821,

20.5323

233.6910, 2.1243,
18.6880

32.2560, 1.8458,
14.6845

32.2560, 1.8458,
14.6845

29.0930, 2.4192,
17.4584

35.4190, 1.2724,
11.9105

25.8160, 2.5557,
20.3324

38.6960, 1.1359,
9.0366

22.6530, 3.1291,
23.1063

41.8590, 0.5625,
6.2627

19.3760, 3.2656,
25.9802

45.1360, 0.4260,
3.3887

17.5010, 3.6970,
27.6246

48.2990, -0.1474,
0.6148

■ 50.9890, 0.0054,
-1.7444

■ 54.1520, -0.5679,
-4.5183

■ 57.4290, -0.7045,
-7.3922

■ 60.5920, -1.2779,
-10.1662

Harmonies

Analogous

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



32.4660, 6.6723, 6.6073



32.2560, 1.8458, 14.6845



31.8990, -3.4012, 17.6286

Triad

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



32.2560, 1.8458, 14.6845



29.7370, -11.2093, 1.9847



26.4900, 10.1114, -23.2317

Complementary

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



32.2560, 1.8458, 14.6845



39.7440, -1.8458, -14.6845

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.



26.0510, 5.8909, -22.8467



32.2560, 1.8458, 14.6845



28.0500, -5.9407, -7.9369

Square

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



32.2560, 1.8458, 14.6845



30.2650, -11.9626, 10.2916



25.6940, 0.6439, -19.9026



26.7830, 12.4320, -20.8577

Rectangle

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



32.2560, 1.8458, 14.6845



31.0900, -6.4534, 16.5841



25.6940, 0.6439, -19.9026



26.1480, 8.8010, -22.9318

Sweetspot

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



32.2560, 1.8458, 14.6845



57.5600, 0.7099, 5.6479



29.8510, 9.4405, 5.3927



29.1360, 0.4260, 3.3887



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.



32.2560, 1.8458, 14.6845



37.5390, 2.6923, 23.2063



30.7740, -3.8326, 15.9842



24.0110, -0.0054, 1.7444



31.7410, 6.5367, 50.2161



77.1950, 15.1869, 122.6090

Inverse Universe

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



32.2560, 1.8458, 14.6845



37.5390, 2.6923, 23.2063



41.2260, 3.8326, -15.9842



24.0110, -0.0054, 1.7444



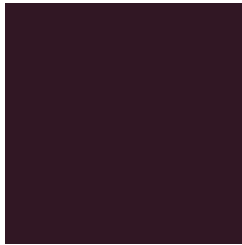
31.7410, 6.5367, 50.2161



77.1950, 15.1869, 122.6090

Previews

White Background



This preview shows how the YUV color 32.2560, 1.8458, 14.6845 looks on a white background.

Color Contrast Check

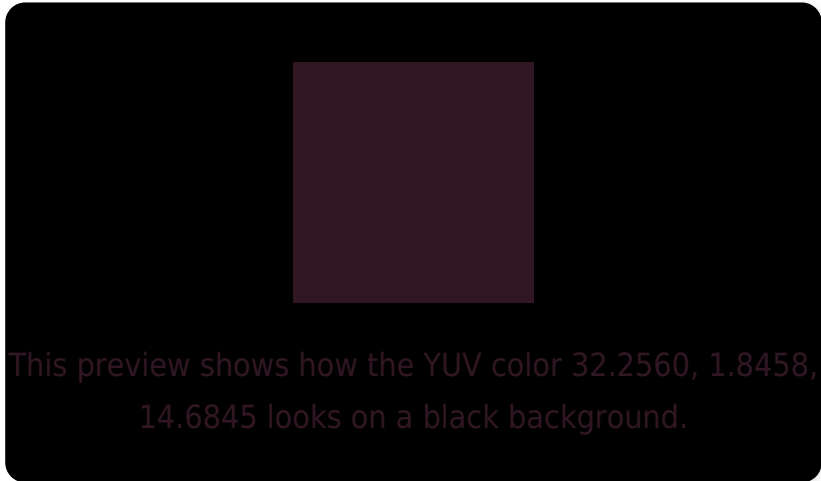
Large Text (above 18pt) WCAG AA ✓ Pass

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

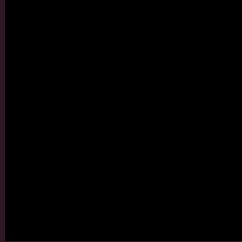
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.2560, 1.8458, 14.6845

Background



This preview shows how black text looks on a background with the YUV color 32.2560, 1.8458, 14.6845.



This preview shows how white text looks on a background with the YUV color 32.2560, 1.8458,

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

32.2560, 1.8458, 14.6845

Protanopia

32.2430, 4.8102, -2.8441

Deuteranopia

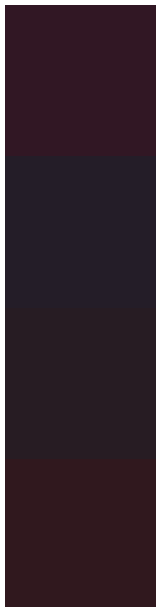
32.3530, 1.3050, 1.4444



Tritanopia

32.1050, -2.5168, 13.9399

Trichromacy



Original Color

32.2560, 1.8458, 14.6845

Protanomaly

32.3470, 3.7729, 3.2037

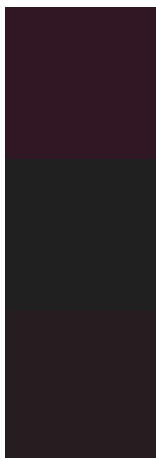
Deuteranomaly

32.0870, 1.4361, 6.0627

Tritanomaly

31.8600, -0.9170, 14.1548

Monochromacy



Original Color

32.2560, 1.8458, 14.6845

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.1470, 0.4205, 5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.2560, 1.8458, 14.6845 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(49, 23, 36)` looks like.

```
.text, #text, p{  
    color:rgb(49, 23, 36)  
}
```

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(49, 23, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 23, 36) }
```

Border

The CSS property to change the border of an element to YUV 32.2560, 1.8458, 14.6845 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(49, 23, 36) }
```


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

```
.border{ border-color:rgb(49, 23, 36) }
```

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

Here you see how a box with a 4 pixel rgb(49, 23, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 23, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 23, 36);  
box-shadow:4px 4px 4px 4px rgb(49, 23, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.2560, 1.8458, 14.6845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 23, 36) }
```

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

```
.background{ background-color: rgb(49, 23,  
36) }
```

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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