

Converting Colors

YUV(20.6130, -6.2182, 34.5424)

Have a look what the booklet for
YUV(20.6130, -6.2182, 34.5424)
contains.

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Color

**YUV(20.6130, -6.2182,
34.5424)**

Conversions

Conversions Part 1

Format	Color
Hex	3C0308
RGB	60, 3, 8
RGB Percent	24%, 1%, 3%
CMY	0.7647, 0.9882, 0.9686
CMYK	0.00, 0.95, 0.87, 0.76
HSL	355°, 90%, 12%
HSV	355°, 95%, 24%
XYZ	1.9399, 1.0433, 0.3289
YIQ	20.6130, 32.3670, 13.6390

Conversions

Conversions Part 2

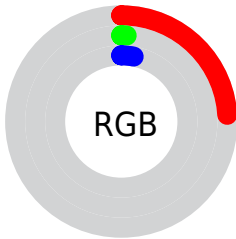
Format	Color
RYB	60, 3, 8
Decimal	3932936
CIELab	9.35, 27.39, 11.41
CIElCh	9, 29.669, 22.622
Yxy	1.0433, 0.5857, 0.3150
Android (android.graphics.Color)	4282123016 (0xFF3C0308)
YUV	20.6130, -6.2182, 34.5424
Hunter-Lab	10.2143, 16.0253, 5.2411

Details

The YUV color **20.6130, -6.2182, 34.5424** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.3870, 6.2182, -34.5424**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.8800, -7.8288, 37.8162**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.5100, -6.6604, 36.3867**, and if you desaturate by 10%, it is **24.7050, -5.7706, 30.9537**.

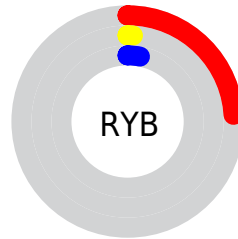
Distribution



Red (24%)

Green (1%)

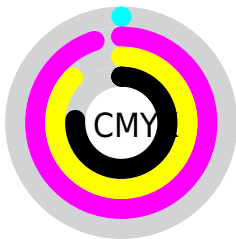
Blue (3%)



Red (24%)

Yellow (1%)

Blue (3%)

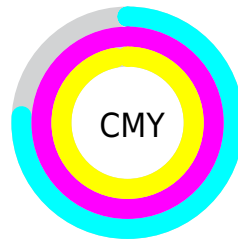


Cyan (0%)

Magenta (95%)

Yellow (87%)

Black (76%)



Cyan (76%)

Magenta (99%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.6130, -6.2182, 34.5424 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 20.6130, -6.2182, 34.5424 by changing the saturation by 10% instead.

■ 20.6130, -6.2182,
34.5424

■ 20.6130, -6.2182,
34.5424

■ 239.4640, -3.6798,
13.6251

■ 11.4760, -5.1647,
23.2615

■ 68.8800, -7.8288,
37.8162

■ 0.0000, 0.0000,
0.0000

■ 93.5490, -9.1447,
39.8605

■ 119.0330, -9.8763,
41.1901

■ 144.9300,
-10.3185, 43.0344

■ 171.8270,
-10.7607, 44.8787

■ 199.7240,

-11.2029, 46.7231

■ 219.8360, -7.8071,
30.8388

■ 20.6130, -6.2182,
34.5424

■ 20.6130, -6.2182,
34.5424

■ 18.5100, -6.6604,
36.3867

■ 24.7050, -5.7706,
30.9537

■ 28.9110, -4.8861,
27.2651

■ 33.0030, -4.4385,
23.6764

■ 37.2090, -3.5540,
19.9877

■ 41.3010, -3.1064,
16.3990

■ 45.5070, -2.2220,
12.7104

■ 49.5990, -1.7743,
9.1217

■ 53.8050, -0.8899,
5.4330

■ 57.8970, -0.4422,
1.8443

Harmonies

Analogous

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



22.1640, 4.8491, 31.4282



20.6130, -6.2182, 34.5424



23.7660, -11.7166, 24.7612

Triad

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



20.6130, -6.2182, 34.5424



19.9580, -9.8393, -17.5032



25.1340, 20.1469, -22.0425

Complementary

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



20.6130, -6.2182, 34.5424



42.3870, 6.2182, -34.5424

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.



26.5700, 15.4950, -23.3019



20.6130, -6.2182, 34.5424



23.4120, -1.6821, -20.5323

Square

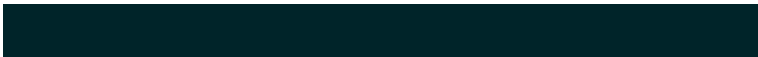
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.6130, -6.2182, 34.5424



23.5900, -11.6299, -3.1484



25.8060, 7.4906, -22.6319



23.3740, 19.5356, -12.6060

Rectangle

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



20.6130, -6.2182, 34.5424



25.1840, -12.4157, 15.6246



25.8060, 7.4906, -22.6319



26.0800, 18.6946, -22.8722

Sweetspot

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



20.6130, -6.2182, 34.5424



63.1050, -2.5168, 13.9399



24.7470, 17.3797, 25.6549



31.3000, -1.6269, 8.5069



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



20.6130, -6.2182, 34.5424



24.4190, -8.5876, 47.8675



33.5440, -15.0582, 23.2019



28.8970, -0.4422, 1.8443



29.0180, -10.3619, 56.9892



68.5440, -24.4252, 134.5809

Inverse Universe

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



20.6130, -6.2182, 34.5424



24.4190, -8.5876, 47.8675



29.4560, 15.0582, -23.2019



28.8970, -0.4422, 1.8443



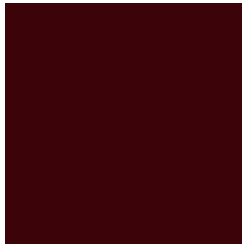
29.0180, -10.3619, 56.9892



68.5440, -24.4252, 134.5809

Previews

White Background



This preview shows how the YUV color 20.6130, -6.2182, 34.5424 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

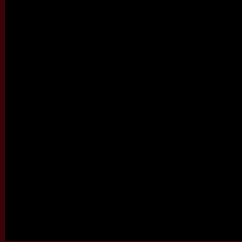
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.6130, -6.2182, 34.5424

Background



This preview shows how black text looks on a background with the YUV color 20.6130, -6.2182, 34.5424.



This preview shows how white text looks on a background with the YUV color 20.6130, -6.2182,

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

20.6130, -6.2182, 34.5424

Protanopia

29.2580, -8.0152, 4.1587

Deuteranopia

28.3850, -13.9938, 8.4324



Tritanopia

20.8750, -10.2914, 34.3126

Trichromacy



Original Color

20.6130, -6.2182, 34.5424

Protanomaly

25.8510, -7.3215, 15.0397

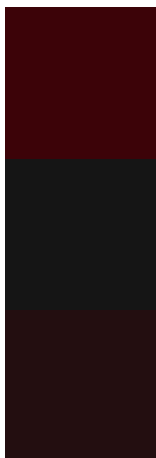
Deuteranomaly

25.8360, -11.2581, 17.6838

Tritanomaly

20.6300, -8.6916, 34.5275

Monochromacy



Original Color

20.6130, -6.2182, 34.5424

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.5070, -2.2220, 12.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.6130, -6.2182, 34.5424 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(60, 3, 8)` looks like.

```
.text, #text, p{  
    color:rgb(60, 3, 8)  
}
```

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(60, 3, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 3, 8) }
```

Border

The CSS property to change the border of an element to YUV 20.6130, -6.2182, 34.5424 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(60, 3, 8) }
```


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

```
.border{ border-color:rgb(60, 3, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 3, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 3, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 3, 8); box-shadow:4px  
4px 4px 4px rgb(60, 3, 8) }
```

Background

The CSS property to change the background color of an element to YUV 20.6130, -6.2182, 34.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 3, 8) }
```

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

```
.background{ background-color: rgb(60, 3,  
8) }
```

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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