

Converting Colors

YUV(24.3780, -6.5954, 15.4545)

Have a look what the booklet for
YUV(24.3780, -6.5954, 15.4545)
contains.

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Color

**YUV(24.3780, -6.5954,
15.4545)**

Conversions

Conversions Part 1

Format	Color
Hex	2A120B
RGB	42, 18, 11
RGB Percent	16%, 7%, 4%
CMY	0.8353, 0.9294, 0.9569
CMYK	0.00, 0.57, 0.74, 0.84
HSL	14°, 58%, 10%
HSV	14°, 74%, 16%
XYZ	1.2316, 0.9490, 0.4349
YIQ	24.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

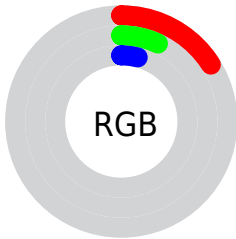
Format	Color
R_{YB}	42, 20, 11
Decimal	2757131
CIE Lab	8.56, 11.58, 8.54
CIE LCh	9, 14.386, 36.401
Yxy	0.9490, 0.4709, 0.3628
Android (android.graphics.Color)	4280947211 (0xFF2A120B)
YUV	24.3780, -6.5954, 15.4545
Hunter-Lab	9.7417, 5.5180, 4.1725

Details

The YUV color **24.3780, -6.5954, 15.4545** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **28.6220, 6.5954, -15.4545**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.1010, -6.4588, 18.3284**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.1610, -7.4744, 17.3988**, and if you desaturate by 10%, it is **26.5950, -5.7163, 13.5102**.

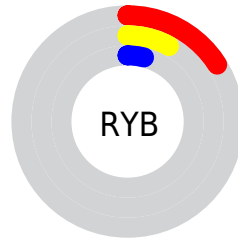
Distribution



Red (16%)

Green (7%)

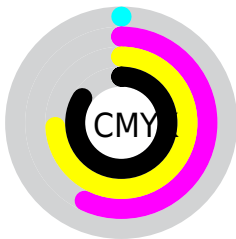
Blue (4%)



Red (16%)

Yellow (8%)

Blue (4%)

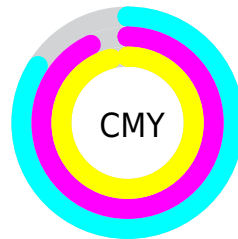


Cyan (0%)

Magenta (57%)

Yellow (74%)

Black (84%)



Cyan (84%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.3780, -6.5954, 15.4545 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 24.3780, -6.5954, 15.4545 by changing the saturation by 10% instead.

■ 24.3780, -6.5954,
15.4545

■ 24.3780, -6.5954,
15.4545

■ 245.6760, -5.2633,
8.1771

■ 4.1860, -2.0637,
8.6069

■ 68.1010, -6.4588,
18.3284

■ 0.0000, 0.0000,
0.0000

■ 92.1720, -7.4798,
19.1432

■ 116.7700, -7.7746,
20.3727

■ 142.3680, -8.0694,
21.6023

■ 169.2540, -8.5062,
21.7022

■ 196.5530, -8.6536,

22.3170

■ 224.2650, -8.5116,
23.4466

■ 24.3780, -6.5954,
15.4545

■ 24.3780, -6.5954,
15.4545

■ 22.1610, -7.4744,
17.3988

■ 26.5950, -5.7163,
13.5102

■ 19.3570, -8.0640,
19.8579

■ 29.3990, -5.1267,
11.0511

■ 17.8410, -8.7956,
21.1874

■ 31.7300, -3.8109,
9.0068

■ 33.9470, -2.9319,
7.0625

■ 36.1640, -2.0529,
5.1182

■ 38.9680, -1.4632,
2.6591

■ 41.1850, -0.5842,
0.7148

■ 43.5160, 0.7316,
-1.3295

■ 45.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



25.1590, -1.0644, 14.7696



24.3780, -6.5954, 15.4545



23.6890, -11.6787, 12.5507

Triad

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



24.3780, -6.5954, 15.4545



19.7440, -1.8458, -14.6845



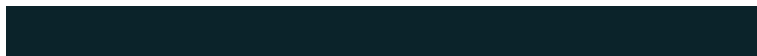
23.2790, 10.2155, -9.8917

Complementary

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



24.3780, -6.5954, 15.4545



28.6220, 6.5954, -15.4545

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.



21.2240, 10.2426, -18.6134



24.3780, -6.5954, 15.4545



20.5740, 2.6750, -18.0434

Square

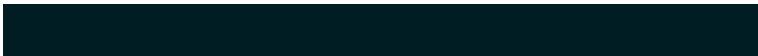
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.3780, -6.5954, 15.4545



21.8720, -9.3039, -2.5187



21.1270, 7.3324, -18.5284



25.2590, 7.2673, 2.4039

Rectangle

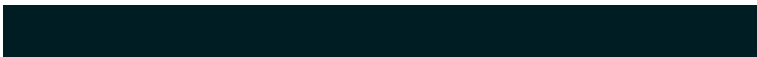
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.3780, -6.5954, 15.4545



23.3680, -11.5204, 8.4473



21.1270, 7.3324, -18.5284



21.7730, 10.9579, -14.7099

Sweetspot

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



24.3780, -6.5954, 15.4545



46.7620, -2.3477, 6.3477



23.0050, 5.9135, 16.6586



23.6800, -1.3212, 3.7886



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



24.3780, -6.5954, 15.4545



26.8090, -10.2588, 23.8465



33.1830, -10.9362, 7.7325



19.1850, -0.5842, 0.7148



36.2690, -17.8806, 41.8601



91.5640, -45.1411, 105.6224

Inverse Universe

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



28.6220, 6.5954, -15.4545



33.1910, 10.2588, -23.8465



19.8170, 10.9362, -7.7325



19.4020, 0.2948, -1.2296



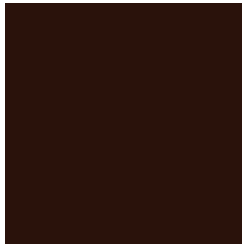
47.7310, 17.8806, -41.8601



120.4360, 45.1411, -105.6224

Previews

White Background



This preview shows how the YUV color 24.3780, -6.5954, 15.4545 looks on a white background.

Color Contrast Check

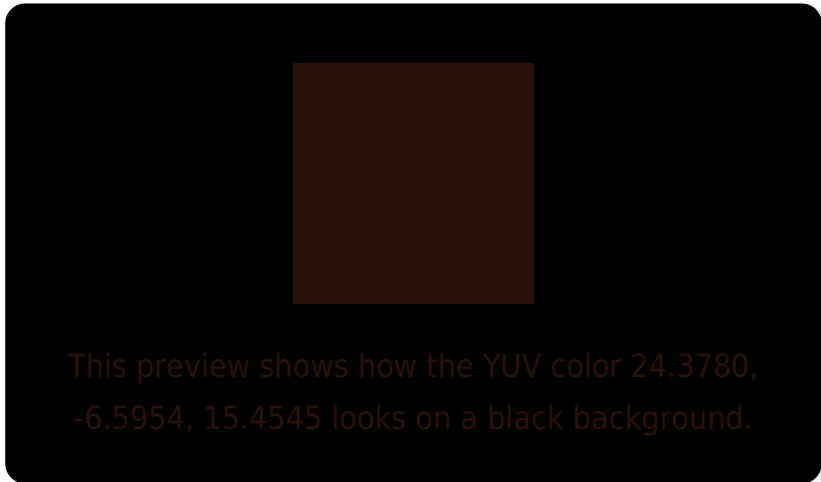
Large Text (above 18pt) WCAG AA ✓ Pass

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

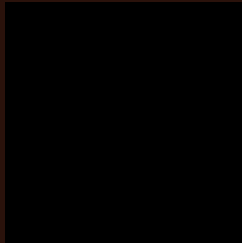
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.3780, -6.5954, 15.4545

Background



This preview shows how black text looks on a background with the YUV color 24.3780, -6.5954, 15.4545.



This preview shows how white text looks on a background with the YUV color 24.3780, -6.5954,

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

24.3780, -6.5954, 15.4545

Protanopia

25.1160, -5.9732, 2.5293

Deuteranopia

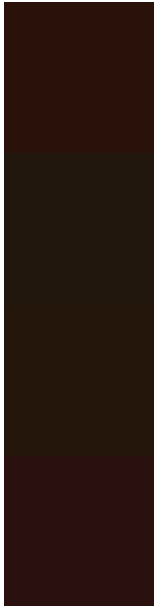
24.6820, -7.7312, 6.4179



Tritanopia

24.5890, -3.2484, 15.2694

Trichromacy



Original Color

24.3780, -6.5954, 15.4545

Protanomaly

24.7360, -6.2788, 7.2475

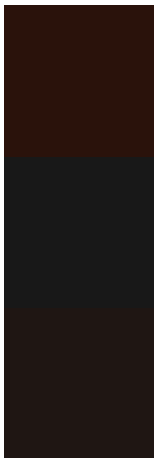
Deuteranomaly

24.8180, -7.3053, 9.8066

Tritanomaly

24.2470, -4.5588, 15.5694

Monochromacy



Original Color

24.3780, -6.5954, 15.4545

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.3490, -2.6371, 5.8329

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.3780, -6.5954, 15.4545 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(42, 18, 11)` looks like.

```
.text, #text, p{  
    color:rgb(42, 18, 11)  
}
```

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(42, 18, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 18, 11) }
```

Border

The CSS property to change the border of an element to YUV 24.3780, -6.5954, 15.4545 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(42, 18, 11) }
```


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

```
.border{ border-color:rgb(42, 18, 11) }
```

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

Here you see how a box with a 4 pixel rgb(42, 18, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 18, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 18, 11);  
box-shadow:4px 4px 4px 4px rgb(42, 18, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.3780, -6.5954, 15.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 18, 11) }
```

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

```
.background{ background-color: rgb(42, 18,  
11) }
```

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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