

Converting Colors

YUV(80.7630, -24.0402,
10.7318)

Have a look what the booklet for
YUV(80.7630, -24.0402, 10.7318)
contains.

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Color

**YUV(80.7630, -24.0402,
10.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5420
RGB	93, 84, 32
RGB Percent	36%, 33%, 13%
CMY	0.6353, 0.6706, 0.8745
CMYK	0.00, 0.10, 0.66, 0.64
HSL	51°, 49%, 25%
HSV	51°, 66%, 36%
XYZ	7.9452, 8.7721, 2.6409
YIQ	80.7630, 22.0560, -14.2640

Conversions

Conversions Part 2

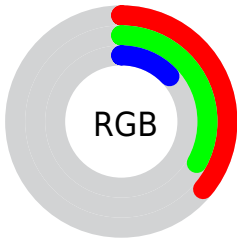
Format	Color
R_{YB}	43, 93, 32
Decimal	6116384
CIE Lab	35.54, -3.54, 30.97
CIE LCh	36, 31.173, 96.523
Yxy	8.7721, 0.4104, 0.4531
Android (android.graphics.Color)	4284306464 (0xFF5D5420)
YUV	80.7630, -24.0402, 10.7318
Hunter-Lab	29.6177, -3.9467, 15.4457

Details

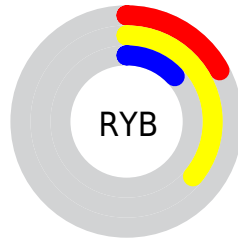
The YUV color **80.7630, -24.0402, 10.7318** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44.2370, 24.0402, -10.7318**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4320, -25.3560, 12.7761**, and **36.3480, -17.9196, 7.5878** is the 20% darker color. If you saturate the color by 10%, you get **79.1500, -27.6819, 12.1465**, and if you desaturate by 10%, it is **82.3760, -20.3984, 9.3172**.

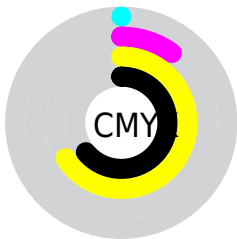
Distribution



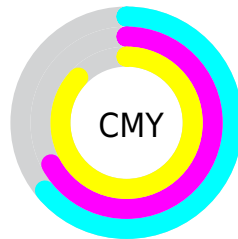
- Red (36%)
- Green (33%)
- Blue (13%)



- Red (17%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7630, -24.0402, 10.7318 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 80.7630, -24.0402, 10.7318 by changing the saturation by 10% instead.

80.7630, -24.0402,
10.7318

80.7630, -24.0402,
10.7318

255.0000, 0.0000,
0.0000

57.0510, -24.1821,
9.6023

130.4320,
-25.3560, 12.7761

36.3480, -17.9196,
7.5878

156.5030,
-26.3770, 13.5909

16.8340, -8.2992,
1.8996

183.6880,
-26.9612, 14.3056

0.0000, 0.0000,
0.0000

211.7590,
-27.9822, 15.1204

239.0470,
-28.1242, 13.9908

249.8700,

-19.6559, 4.4990

253.0620, -7.4256,
1.6996

80.7630, -24.0402,
10.7318

80.7630, -24.0402,
10.7318

79.1500, -27.6819,
12.1465

82.3760, -20.3984,
9.3172

76.8360, -31.4711,
14.1758

84.6900, -16.6092,
7.2879

75.2230, -35.1129,
15.5904

86.3030, -12.9674,
5.8733

74.1800, -36.5707,
16.5051

87.9160, -9.3256,
4.4587

90.1160, -5.9732,
2.5293

■ 91.8430, -1.8946,
1.0147

■ 94.0430, 1.4578,
-0.9147

■ 95.6560, 5.0996,
-2.3293

■ 97.3830, 9.1782,
-3.8439

Harmonies

Analogous

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



82.4430, -21.9104, 27.6755



80.7630, -24.0402, 10.7318



78.2380, -17.8653, -9.8557

Triad

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



80.7630, -24.0402, 10.7318



68.6470, 21.8660, -60.2034



86.1790, 8.7858, 28.7840

Complementary

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



80.7630, -24.0402, 10.7318



44.2370, 24.0402, -10.7318

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.



85.9680, 18.7498, 6.1671



80.7630, -24.0402, 10.7318



68.1230, 30.0124, -59.7439

Square

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



80.7630, -24.0402, 10.7318



66.3840, 10.6567, -58.2188



79.4200, 26.4149, -25.8013



84.2700, -2.5981, 40.1052

Rectangle

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



80.7630, -24.0402, 10.7318



74.9030, -9.8122, -26.2249



79.4200, 26.4149, -25.8013



86.6450, 12.0070, 22.2363

Sweetspot

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



80.7630, -24.0402, 10.7318



114.9160, -9.3256, 4.4587



51.2650, -5.0606, 36.6016



58.2300, -5.5364, 2.4293



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



80.7630, -24.0402, 10.7318



100.9520, -37.4443, 16.7051



79.7670, -23.5491, -6.8117



44.8430, -1.8946, 1.0147



87.4810, -43.1281, 19.7492



189.4370, -93.3924, 41.7128

Inverse Universe

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



44.2370, 24.0402, -10.7318



44.0480, 37.4443, -16.7051



45.2330, 23.5491, 6.8117



42.1570, 1.8946, -1.0147



21.9320, 43.4175, -19.2344



47.5630, 93.3924, -41.7128

Previews

White Background



This preview shows how the YUV color 80.7630, -24.0402, 10.7318 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 80.7630, -24.0402, 10.7318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

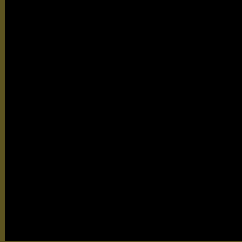
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7630, -24.0402, 10.7318

Background



This preview shows how black text looks on a background with the YUV color 80.7630, -24.0402, 10.7318.



This preview shows how white text looks on a background with the YUV color 80.7630, -24.0402,

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

80.7630, -24.0402, 10.7318

Protanopia

80.7630, -24.0402, 10.7318

Deuteranopia

81.8180, -24.0673, 19.4536



Tritanopia

85.0660, -0.0325, 10.4661

Trichromacy



Original Color

80.7630, -24.0402, 10.7318

Protanomaly

80.7630, -24.0402, 10.7318

Deuteranomaly

81.2090, -23.7670, 16.4797

Tritanomaly

83.7750, -8.7631, 10.7213

Monochromacy



Original Color

80.7630, -24.0402, 10.7318

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.7310, -8.7414, 3.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7630, -24.0402, 10.7318 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(93, 84, 32)` looks like.

```
.text, #text, p{  
    color:rgb(93, 84, 32)  
}
```

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(93, 84, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 84, 32) }
```

Border

The CSS property to change the border of an element to YUV 80.7630, -24.0402, 10.7318 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(93, 84, 32) }
```


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

```
.border{ border-color:rgb(93, 84, 32) }
```

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

Here you see how a box with a 4 pixel rgb(93, 84, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 84, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 84, 32);  
box-shadow:4px 4px 4px 4px rgb(93, 84, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.7630, -24.0402, 10.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 84, 32) }
```

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

```
.background{ background-color: rgb(93, 84,  
32) }
```

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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