

Converting Colors

YUV(80.5440, -21.9602, -3.1081)

Have a look what the booklet for
YUV(80.5440, -21.9602, -3.1081)
contains.

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Color

**YUV(80.5440, -21.9602,
-3.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5B24
RGB	77, 91, 36
RGB Percent	30%, 36%, 14%
CMY	0.6980, 0.6431, 0.8588
CMYK	0.15, 0.00, 0.60, 0.64
HSL	75°, 43%, 25%
HSV	75°, 60%, 36%
XYZ	7.1201, 9.1873, 3.0671
YIQ	80.5440, 9.3110, -20.0730

Conversions

Conversions Part 2

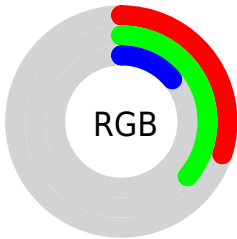
Format	Color
RYB	36, 91, 50
Decimal	5069604
CIELab	36.34, -14.84, 29.39
CIELCh	36, 32.925, 116.788
Yxy	9.1873, 0.3675, 0.4742
Android (android.graphics.Color)	4283259684 (0xFF4D5B24)
YUV	80.5440, -21.9602, -3.1081
Hunter-Lab	30.3106, -11.1131, 15.2179

Details

The YUV color **80.5440, -21.9602, -3.1081** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.4560, 21.9602, 3.1081**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2020, -23.2706, -2.8082**, and **35.9830, -17.7396, -3.4931** is the 20% darker color. If you saturate the color by 10%, you get **78.9200, -25.5966, -3.4378**, and if you desaturate by 10%, it is **82.1680, -18.3238, -2.7783**.

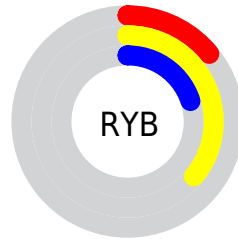
Distribution



Red (30%)

Green (36%)

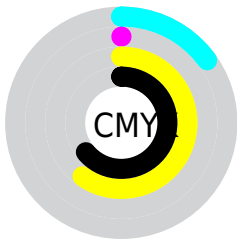
Blue (14%)



Red (14%)

Yellow (36%)

Blue (20%)

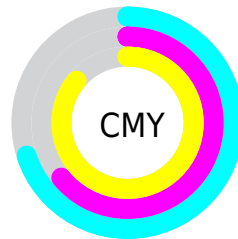


Cyan (15%)

Magenta (0%)

Yellow (60%)

Black (64%)



Cyan (70%)

Magenta (64%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5440, -21.9602, -3.1081 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 80.5440, -21.9602, -3.1081 by changing the saturation by 10% instead.

80.5440, -21.9602,
-3.1081

80.5440, -21.9602,
-3.1081

255.0000, 0.0000,
0.0000

57.2450, -21.8128,
-3.7229

130.2020,
-23.2706, -2.8082

35.9830, -17.7396,
-3.4931

156.9740,
-24.1442, -2.6082

15.2620, -7.5242,
-13.3848

183.7460,
-25.0178, -2.4082

0.0000, 0.0000,
0.0000

211.6320,
-25.4546, -2.3083

239.8170,
-26.0388, -1.5935

250.4400,

-17.4719, 3.9991

253.6320, -5.2416,
1.1997

80.5440, -21.9602,
-3.1081

80.5440, -21.9602,
-3.1081

78.9200, -25.5966,
-3.4378

82.1680, -18.3238,
-2.7783

76.9970, -29.0855,
-4.3824

84.0910, -14.8349,
-1.8338

75.3730, -32.7219,
-4.7121

85.7150, -11.1985,
-1.5041

73.7490, -36.3583,
-5.0419

87.3390, -7.5621,
-1.1743

89.3760, -3.6364,
-0.3298

■ 91.0000, 0.0000,
0.0000

■ 92.6240, 3.6364,
0.3298

■ 94.5470, 7.1253,
1.2743

■ 96.1710, 10.7617,
1.6040

Harmonies

Analogous

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



83.0520, -25.6616, 17.4944



80.5440, -21.9602, -3.1081



75.7780, -10.2436, -27.8693

Triad

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



80.5440, -21.9602, -3.1081



70.4710, 28.8548, -61.8031



86.5950, 1.1857, 39.8202

Complementary

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



80.5440, -21.9602, -3.1081



46.4560, 21.9602, 3.1081

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.



87.9980, 13.3120, 23.6808



80.5440, -21.9602, -3.1081



74.5530, 31.2794, -46.0890

Square

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



80.5440, -21.9602, -3.1081



69.8380, 18.8139, -61.2479



86.6400, 22.8555, -4.0693



85.4030, -11.0447, 42.6196

Rectangle

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



80.5440, -21.9602, -3.1081



65.8480, 3.5259, -57.7487



86.6400, 22.8555, -4.0693



87.0120, 5.4171, 35.9465

Sweetspot

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



80.5440, -21.9602, -3.1081



113.1110, -8.4357, -0.9743



60.6630, -12.1589, 26.6055



56.3220, -5.0887, -1.1594



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



80.5440, -21.9602, -3.1081



101.0310, -34.0323, -4.4122



72.4710, -17.9802, -19.7071



45.1310, -2.0366, -0.1149



89.0880, -43.9204, -6.2162



192.0420, -94.6767, -13.1918

Inverse Universe

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



46.4560, 21.9602, 3.1081



47.9690, 34.0323, 4.4122



54.5290, 17.9802, 19.7071



41.8690, 2.0366, 0.1149



20.9120, 43.9204, 6.2162



44.9580, 94.6767, 13.1918

Previews

White Background



This preview shows how the YUV color 80.5440, -21.9602, -3.1081 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 80.5440, -21.9602, -3.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

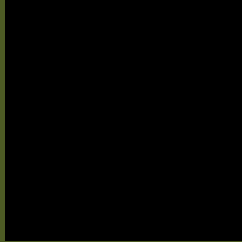
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.5440, -21.9602, -3.1081

Background



This preview shows how black text looks on a background with the YUV color 80.5440, -21.9602, -3.1081.



This preview shows how white text looks on a background with the YUV color 80.5440, -21.9602, -3.1081.

-3.1081.

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

80.5440, -21.9602, -3.1081

Protanopia

82.7630, -24.0402, 10.7318

Deuteranopia

83.6870, -22.0307, 19.5685



Tritanopia

85.2000, 3.3524, -1.9294

Trichromacy



Original Color

80.5440, -21.9602, -3.1081

Protanomaly

81.9580, -23.1503, 5.2988

Deuteranomaly

82.6320, -22.0036, 10.8467

Tritanomaly

83.4960, -5.6675, -2.1890

Monochromacy



Original Color

80.5440, -21.9602, -3.1081

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2250, -7.9989, -1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5440, -21.9602, -3.1081 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(77, 91, 36)` looks like.

```
.text, #text, p{  
    color:rgb(77, 91, 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(77, 91, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 91, 36) }
```

Border

The CSS property to change the border of an element to YUV 80.5440, -21.9602, -3.1081 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(77, 91, 36) }
```


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

```
.border{ border-color:rgb(77, 91, 36) }
```

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

Here you see how a box with a 4 pixel rgb(77, 91, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 91, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 91, 36);  
box-shadow:4px 4px 4px 4px rgb(77, 91, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.5440, -21.9602, -3.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 91, 36) }
```

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

```
.background{ background-color: rgb(77, 91,  
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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