

Converting Colors

YUV(80.6890, -24.9897,
35.3527)

Have a look what the booklet for
YUV(80.6890, -24.9897, 35.3527)
contains.

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Color

**YUV(80.6890, -24.9897,
35.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	79461E
RGB	121, 70, 30
RGB Percent	47%, 27%, 12%
CMY	0.5255, 0.7255, 0.8824
CMYK	0.00, 0.42, 0.75, 0.53
HSL	26°, 60%, 30%
HSV	26°, 75%, 47%
XYZ	10.3097, 8.5390, 2.3331
YIQ	80.6890, 43.2360, -1.6280

Conversions

Conversions Part 2

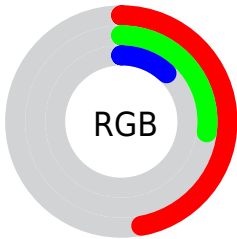
Format	Color
R_{YB}	121, 101, 30
Decimal	7947806
CIE Lab	35.08, 18.28, 32.52
CIE LCh	35, 37.305, 60.663
Yxy	8.5390, 0.4867, 0.4031
Android (android.graphics.Color)	4286137886 (0xFF79461E)
YUV	80.6890, -24.9897, 35.3527
Hunter-Lab	29.2216, 11.8388, 15.7213

Details

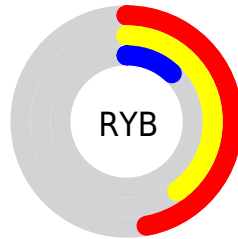
The YUV color **80.6890, -24.9897, 35.3527** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **70.3110, 24.9897, -35.3527**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4400, -27.3319, 39.9561**, and **35.5940, -17.5478, 28.4201** is the 20% darker color. If you saturate the color by 10%, you get **75.2120, -28.2055, 40.1561**, and if you desaturate by 10%, it is **86.1660, -21.7738, 30.5494**.

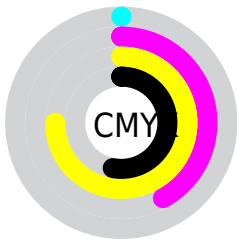
Distribution



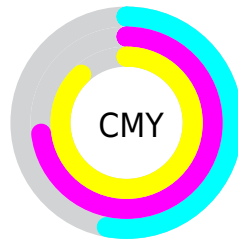
- Red (47%)
- Green (27%)
- Blue (12%)



- Red (47%)
- Yellow (40%)
- Blue (12%)



- Cyan (0%)
- Magenta (42%)
- Yellow (75%)
- Black (53%)



- Cyan (53%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.6890, -24.9897, 35.3527 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 80.6890, -24.9897, 35.3527 by changing the saturation by 10% instead.

80.6890, -24.9897,
35.3527

80.6890, -24.9897,
35.3527

255.0000, 0.0000,
0.0000

56.4930, -24.4000,
32.8936

131.4400,
-27.3319, 39.9561

35.5940, -17.5478,
28.4201

158.2230,
-28.2109, 41.9004

14.3190, -7.0593,
24.2762

185.0060,
-29.0900, 43.8447

0.0000, 0.0000,
0.0000

210.3860,
-28.7843, 39.1265

229.9000,
-25.0937, 22.0127

249.5280,

-20.9663, 4.7989

■ 252.7200, -8.7360,
1.9996

■ 80.6890, -24.9897,
35.3527

■ 80.6890, -24.9897,
35.3527

■ 75.2120, -28.2055,
40.1561

■ 86.1660, -21.7738,
30.5494

■ 69.7350, -31.4214,
44.9594

■ 91.6430, -18.5580,
25.7461

■ 67.2900, -33.1740,
47.1037

■ 96.5330, -15.0528,
21.4576

■ 102.0100,
-11.8369, 16.6542

■ 107.4870, -8.6211,
11.8509

■ 113.0780, -4.9685,
6.9476

■ 117.9680, -1.4632,
2.6591

■ 123.4450, 1.7526,
-2.1443

■ 128.9220, 4.9685,
-6.9476

Harmonies

Analogous

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



81.1540, -13.3869, 47.2229



80.6890, -24.9897, 35.3527



78.9010, -30.0242, 16.7498

Triad

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



80.6890, -24.9897, 35.3527



66.2870, 7.7465, -58.1337



83.8300, 24.7338, 0.1491

Complementary

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



80.6890, -24.9897, 35.3527



70.3110, 24.9897, -35.3527

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.



66.6700, 37.1377, -58.4696



80.6890, -24.9897, 35.3527



69.1200, 21.1398, -60.6182

Square

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



80.6890, -24.9897, 35.3527



68.5700, -8.1690, -39.9649



69.8670, 31.6176, -61.2734



84.7430, 13.4377, 30.0434

Rectangle

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



80.6890, -24.9897, 35.3527



76.8990, -27.0652, 0.9656



69.8670, 31.6176, -61.2734



81.5510, 27.8294, -12.7612

Sweetspot

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



80.6890, -24.9897, 35.3527



142.1560, -9.9369, 13.8952



63.1370, 9.2995, 50.7459



69.4480, -6.1369, 8.3771



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



80.6890, -24.9897, 35.3527



94.8520, -38.8740, 55.3808



107.1040, -38.0123, 12.1868



58.5550, -1.7526, 2.1443



69.6600, -34.3424, 48.5332



140.5050, -69.2690, 97.7811

Inverse Universe

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



70.3110, 24.9897, -35.3527



79.1480, 38.8740, -55.3808



43.8960, 38.0123, -12.1868



58.0320, 1.4632, -2.6591



55.3400, 34.3424, -48.5332



111.4950, 69.2690, -97.7811

Previews

White Background



This preview shows how the YUV color 80.6890, -24.9897, 35.3527 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 80.6890, -24.9897, 35.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

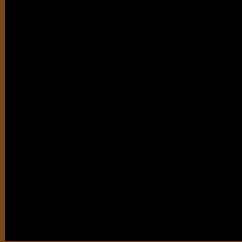
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.6890, -24.9897, 35.3527

Background



This preview shows how black text looks on a background with the YUV color 80.6890, -24.9897, 35.3527.



This preview shows how white text looks on a background with the YUV color 80.6890, -24.9897,

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

80.6890, -24.9897, 35.3527

Protanopia

80.4040, -22.8772, 11.0467

Deuteranopia

80.5470, -26.3987, 20.5683



Tritanopia

83.4990, -6.6550, 34.6424

Trichromacy



Original Color

80.6890, -24.9897, 35.3527

Protanomaly

80.3450, -23.3411, 19.8684

Deuteranomaly

80.6940, -25.9781, 25.7014

Tritanomaly

82.0770, -13.3490, 35.0125

Monochromacy



Original Color

80.6890, -24.9897, 35.3527

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9710, -9.3527, 13.1804

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.6890, -24.9897, 35.3527 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(121, 70, 30)` looks like.

```
.text, #text, p{  
    color:rgb(121, 70, 30)  
}
```

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(121, 70, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 70, 30) }
```

Border

The CSS property to change the border of an element to YUV 80.6890, -24.9897, 35.3527 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(121, 70, 30) }
```


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

```
.border{ border-color:rgb(121, 70, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 70, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 70, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 70, 30);  
box-shadow:4px 4px 4px 4px rgb(121, 70,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 80.6890, -24.9897, 35.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 70, 30) }
```

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

```
.background{ background-color: rgb(121, 70,  
30) }
```

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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