

Converting Colors

YUV(75.5680, -15.0700,
-19.7921)

Have a look what the booklet for
YUV(75.5680, -15.0700, -19.7921)
contains.

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Color

**YUV(75.5680, -15.0700,
-19.7921)**

Conversions

Conversions Part 1

Format	Color
Hex	355D2D
RGB	53, 93, 45
RGB Percent	21%, 36%, 18%
CMY	0.7922, 0.6353, 0.8235
CMYK	0.43, 0.00, 0.52, 0.64
HSL	110°, 35%, 27%
HSV	110°, 52%, 36%
XYZ	5.8562, 8.7750, 3.8677
YIQ	75.5680, -8.4320, -23.4080

Conversions

Conversions Part 2

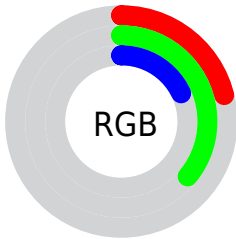
Format	Color
R_YB	45, 93, 85
Decimal	3497261
CIE _{Lab}	35.55, -24.70, 23.13
CIE _{LCh}	36, 33.843, 136.885
Yxy	8.7750, 0.3166, 0.4744
Android (android.graphics.Color)	4281687341 (0xFF355D2D)
YUV	75.5680, -15.0700, -19.7921
Hunter-Lab	29.6227, -16.5515, 12.9946

Details

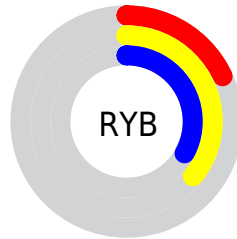
The YUV color **75.5680, -15.0700, -19.7921** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62.4320, 15.0700, 19.7921**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5140, -16.5224, -20.6218**, and **28.7960, -14.1964, -19.9921** is the 20% darker color. If you saturate the color by 10%, you get **72.1500, -17.8219, -23.8105**, and if you desaturate by 10%, it is **78.9860, -12.3181, -15.7737**.

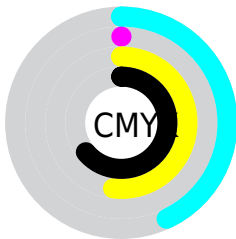
Distribution



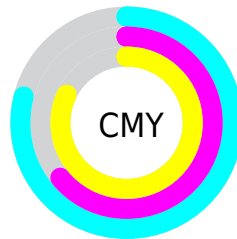
- Red (21%)
- Green (36%)
- Blue (18%)



- Red (18%)
- Yellow (36%)
- Blue (33%)



- Cyan (43%)
- Magenta (0%)
- Yellow (52%)
- Black (64%)



- Cyan (79%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5680, -15.0700, -19.7921 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 75.5680, -15.0700, -19.7921 by changing the saturation by 10% instead.

■ 75.5680, -15.0700,
-19.7921

■ 75.5680, -15.0700,
-19.7921

255.0000, 0.0000,
0.0000

■ 51.7960, -14.1964,
-19.9921

■ 125.5140,
-16.5224, -20.6218

■ 28.7960, -14.1964,
-19.9921

■ 151.4000,
-16.9592, -20.5218

■ 16.4360, -8.1029,
-14.4144

■ 178.8730,
-17.6854, -20.9366

■ 0.0000, 0.0000,
0.0000

■ 206.3460,
-18.4116, -21.3514

■ 234.9330,
-18.7010, -21.8662

■ 246.4970,

-10.5980, -7.4519

254.7720, -0.8736,
0.2000

■ 75.5680, -15.0700,
-19.7921

■ 75.5680, -15.0700,
-19.7921

■ 72.1500, -17.8219,
-23.8105

■ 78.9860, -12.3181,
-15.7737

■ 68.6180, -21.0107,
-27.7290

■ 82.5180, -9.1294,
-11.8553

■ 65.4990, -23.9100,
-31.1326

■ 85.6370, -6.2300,
-8.4516

■ 62.0810, -26.6619,
-35.1510

■ 89.0550, -3.4781,
-4.4332

■ 59.0760, -29.1245,
-38.6547

■ 92.5870, -0.2894,
-0.5148

■ 95.7060, 2.6099,
2.8888

■ 99.1240, 5.3619,
6.9073

■ 102.5420, 8.1138,
10.9257

■ 106.0740, 11.3025,
14.8441

Harmonies

Analogous

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



79.4910, -24.8921, 3.9544



75.5680, -15.0700, -19.7921



64.3320, 2.7943, -56.4192

Triad

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



75.5680, -15.0700, -19.7921



68.3340, 33.3593, -59.9289



83.1520, -6.9769, 44.5937

Complementary

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



75.5680, -15.0700, -19.7921



62.4320, 15.0700, 19.7921

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.



84.8380, 5.9959, 36.9761



75.5680, -15.0700, -19.7921



82.0730, 26.0930, -15.8500

Square

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



75.5680, -15.0700, -19.7921



69.6730, 25.7972, -61.1032



86.2790, 17.1175, 16.4183



83.0190, -18.7434, 38.5713

Rectangle

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



75.5680, -15.0700, -19.7921



67.0850, 10.8041, -58.8335



86.2790, 17.1175, 16.4183



83.8790, -2.8983, 43.0791

Sweetspot

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



75.5680, -15.0700, -19.7921



113.4630, -5.6513, -7.4221



82.8320, -18.6512, 8.9173



57.0550, -3.4781, -4.4332



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.



75.5680, -15.0700, -19.7921



93.0260, -23.1838, -30.7178



75.0000, -6.9020, -26.3100



44.2340, -1.5944, -1.9592



69.9520, -34.4863, -45.5619



151.0790, -74.4819, -97.4163

Inverse Universe

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



62.4320, 15.0700, 19.7921



72.6750, 23.3312, 30.1030



63.0000, 6.9020, 26.3100



42.7660, 1.5944, 1.9592



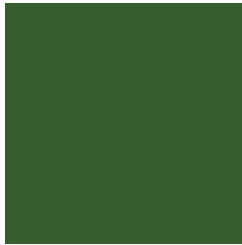
39.7490, 34.6337, 44.9471



86.2200, 74.3345, 98.0311

Previews

White Background



This preview shows how the YUV color 75.5680, -15.0700, -19.7921 looks on a white background.

Color Contrast Check

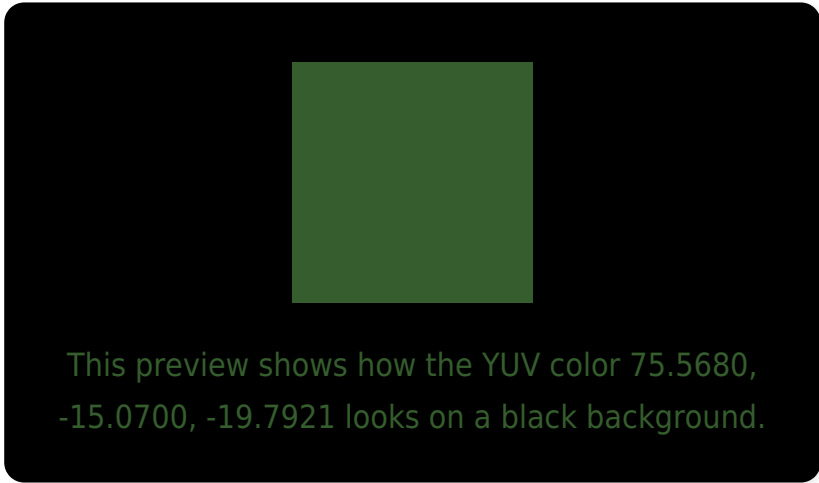
Large Text (above 18pt) WCAG AA ✓ Pass

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

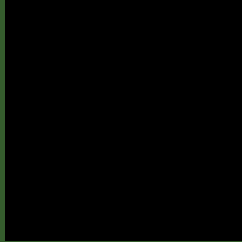
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5680, -15.0700, -19.7921

Background



This preview shows how black text looks on a background with the YUV color 75.5680, -15.0700, -19.7921.



This preview shows how white text looks on a background with the YUV color 75.5680, -15.0700,

-19.7921.

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

75.5680, -15.0700, -19.7921

Protanopia

81.0170, -19.2354, 9.6321

Deuteranopia

82.0440, -16.7837, 16.6244



Tritanopia

81.0240, 6.8902, -16.6840

Trichromacy



Original Color

75.5680, -15.0700, -19.7921

Protanomaly

79.2930, -17.8924, -1.1340

Deuteranomaly

79.7820, -16.1615, 3.6992

Tritanomaly

79.2490, -1.1088, -17.7584

Monochromacy



Original Color

75.5680, -15.0700, -19.7921

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8760, -5.3619, -6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5680, -15.0700, -19.7921 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(53, 93, 45)` looks like.

```
.text, #text, p{  
    color:rgb(53, 93, 45)  
}
```

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(53, 93, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 93, 45) }
```

Border

The CSS property to change the border of an element to YUV 75.5680, -15.0700, -19.7921 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(53, 93, 45) }
```


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

```
.border{ border-color:rgb(53, 93, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 93, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 93, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 93, 45);  
box-shadow:4px 4px 4px 4px rgb(53, 93, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.5680, -15.0700, -19.7921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 93, 45) }
```

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

```
.background{ background-color: rgb(53, 93,  
45) }
```

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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