

Converting Colors

YUV(84.0300, 17.7332,
-41.2453)

Have a look what the booklet for
YUV(84.0300, 17.7332, -41.2453)
contains.

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Color

**YUV(84.0300, 17.7332,
-41.2453)**

Conversions

Conversions Part 1

Format	Color
Hex	256578
RGB	37, 101, 120
RGB Percent	15%, 40%, 47%
CMY	0.8549, 0.6039, 0.5294
CMYK	0.69, 0.16, 0.00, 0.53
HSL	194°, 53%, 31%
HSV	194°, 69%, 47%
XYZ	8.8068, 11.0567, 19.4393
YIQ	84.0300, -44.2430, -7.6590

Conversions

Conversions Part 2

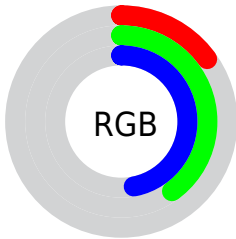
Format	Color
R_{YB}	37, 73, 120
Decimal	2450808
CIE _{Lab}	39.68, -13.73, -16.62
CIE _{LCh}	40, 21.560, 230.450
Yxy	11.0567, 0.2241, 0.2813
Android (android.graphics.Color)	4280640888 (0xFF256578)
YUV	84.0300, 17.7332, -41.2453
Hunter-Lab	33.2517, -10.9142, -11.3854




Details

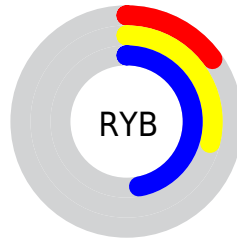
The YUV color **84.0300, 17.7332, -41.2453** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.9700, -17.7332, 41.2453**, and the grayscale version is **84.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **136.6390, 17.4330, -38.2714**, and **39.7920, 15.3855, -34.8976** is the 20% darker color. If you saturate the color by 10%, you get **78.6810, 20.3703, -47.0782**, and if you desaturate by 10%, it is **89.3790, 15.0962, -35.4124**.

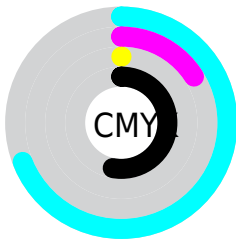
Distribution







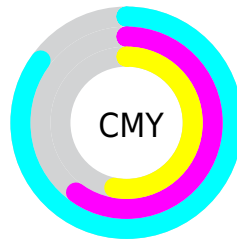
-  Red (15%)
-  Green (40%)
-  Blue (47%)






-  Red (15%)
-  Yellow (29%)
-  Blue (47%)



-  Cyan (69%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (85%)
-  Magenta (60%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0300, 17.7332, -41.2453 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 84.0300, 17.7332, -41.2453 by changing the saturation by 10% instead.

■ 84.0300, 17.7332,
-41.2453

■ 84.0300, 17.7332,
-41.2453

■ 255.0000, 0.0000,
0.0000

■ 56.0290, 19.2127,
-49.1374

■ 136.6390, 17.4330,
-38.2714

■ 39.7920, 15.3855,
-34.8976

■ 163.7530, 17.8698,
-38.3714

■ 24.9570, 11.8532,
-21.8873

■ 190.8670, 18.3066,
-38.4714

■ 4.4800, 12.0884,
-3.9290

■ 219.3400, 17.5804,
-38.8862

■ 0.0000, 0.0000,
0.0000

■ 239.4520, 7.6652,
-31.9684

■ 248.1230, 3.3904,

-14.1399

■ 84.0300, 17.7332,
-41.2453

■ 84.0300, 17.7332,
-41.2453

■ 78.6810, 20.3703,
-47.0782

■ 89.3790, 15.0962,
-35.4124

■ 73.9190, 22.7179,
-53.4260

■ 94.1410, 12.7485,
-29.0647

■ 68.5700, 25.3550,
-59.2589

■ 99.4900, 10.1114,
-23.2317

■ 68.2710, 25.5024,
-59.8737

■ 104.8390, 7.4744,
-17.3988

■ 110.1880, 4.8373,
-11.5659

■ 114.9500, 2.4896,
-5.2182

■ 120.2990, -0.1474,
0.6148

■ 125.6480, -2.7845,
6.4477

■ 130.9970, -5.4215,
12.2806

Harmonies

Analogous

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



82.5970, 11.0447, -42.6196



84.0300, 17.7332, -41.2453



89.7700, 18.8474, -25.2313

Triad

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



84.0300, 17.7332, -41.2453



96.0230, 1.9607, 24.5358



90.9990, -15.2825, 1.7549

Complementary

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



84.0300, 17.7332, -41.2453



72.9700, -17.7332, 41.2453

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.



92.7450, -16.6363, 16.0096



84.0300, 17.7332, -41.2453



95.1670, -6.4913, 28.7945

Square

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



84.0300, 17.7332, -41.2453



96.0090, 9.8556, 12.2701



94.3100, -13.4638, 25.1611



88.6210, -8.6872, -13.6996

Rectangle

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



84.0300, 17.7332, -41.2453



92.8040, 17.3516, -12.1061



94.3100, -13.4638, 25.1611



91.5050, -16.0250, 6.5731

Sweetspot

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



84.0300, 17.7332, -41.2453



141.4370, 7.1796, -16.1692



87.7730, -16.1571, -44.5279



70.6720, 4.1057, -10.2363



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.



84.0300, 17.7332, -41.2453



99.5200, 27.8446, -64.4770



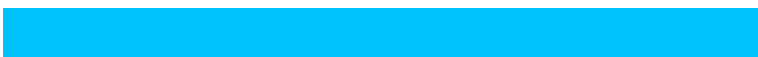
60.5500, 29.3089, -20.6533



58.6190, 1.1738, -3.1739



70.6020, 26.8182, -61.9180



143.1930, 53.6419, -125.5803

Inverse Universe

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



69.1130, 15.7203, 44.6279



76.2700, 24.5169, 69.9232



96.4500, -29.3088, 20.6533



57.3640, 1.2995, 3.1888



48.3190, 23.5067, 67.2492



97.5780, 48.0290, 135.4281

Previews

White Background



This preview shows how the YUV color 84.0300, 17.7332, -41.2453 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 × Fail

Black Background



This preview shows how the YUV color 84.0300, 17.7332, -41.2453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

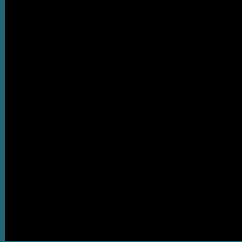
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0300, 17.7332, -41.2453

Background



This preview shows how black text looks on a background with the YUV color 84.0300, 17.7332, -41.2453.

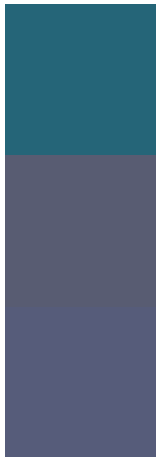


This preview shows how white text looks on a background with the YUV color 84.0300, 17.7332, -41.2453.

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

84.0300, 17.7332, -41.2453

Protanopia

93.3120, 10.1992, -4.6586

Deuteranopia

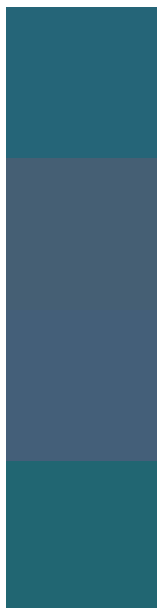
93.6260, 13.9884, -6.6880



Tritanopia

82.3840, 14.1077, -45.0638

Trichromacy



Original Color

84.0300, 17.7332, -41.2453

Protanomaly

89.6200, 13.0053, -18.0837

Deuteranomaly

89.8910, 15.3367, -19.1984

Tritanomaly

82.7370, 15.4127, -43.6193

Monochromacy



Original Color

84.0300, 17.7332, -41.2453

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9210, 6.4479, -14.8397

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0300, 17.7332, -41.2453 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(37, 101, 120)` looks like.

```
.text, #text, p{  
    color:rgb(37, 101, 120)  
}
```

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(37, 101, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 101, 120) }
```

Border

The CSS property to change the border of an element to YUV 84.0300, 17.7332, -41.2453 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(37, 101, 120) }
```


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

```
.border{ border-color:rgb(37, 101, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 101, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 101, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 101, 120);  
box-shadow:4px 4px 4px 4px rgb(37, 101,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 84.0300, 17.7332, -41.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 101, 120) }
```

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

```
.background{ background-color: rgb(37, 101,  
120) }
```

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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