

Converting Colors

YUV(42.9600, 20.7257,
-21.0129)

Have a look what the booklet for
YUV(42.9600, 20.7257, -21.0129)
contains.

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Color

**YUV(42.9600, 20.7257,
-21.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	132F55
RGB	19, 47, 85
RGB Percent	7%, 18%, 33%
CMY	0.9255, 0.8157, 0.6667
CMYK	0.78, 0.45, 0.00, 0.67
HSL	215°, 63%, 20%
HSV	215°, 78%, 33%
XYZ	2.9248, 2.8274, 8.9859
YIQ	42.9600, -28.8860, 5.8820

Conversions

Conversions Part 2

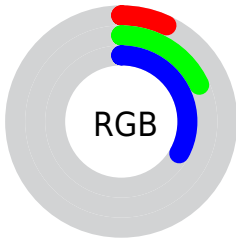
Format	Color
R_{YB}	19, 39, 85
Decimal	1257301
CIE _{Lab}	19.34, 4.36, -26.15
CIE _{LCh}	19, 26.508, 279.468
Yxy	2.8274, 0.1985, 0.1918
Android (android.graphics.Color)	4279447381 (0xFF132F55)
YUV	42.9600, 20.7257, -21.0129
Hunter-Lab	16.8147, 1.6226, -19.9147

Details

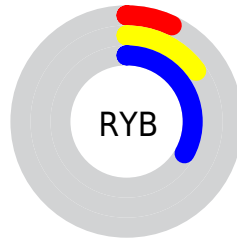
The YUV color **42.9600, 20.7257, -21.0129** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **61.0400, -20.7257, 21.0129**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.9220, 21.7305, -16.5946**, and **5.7340, 16.8931, -5.0287** is the 20% darker color. If you saturate the color by 10%, you get **37.3340, 23.4993, -23.9719**, and if you desaturate by 10%, it is **48.5860, 17.9521, -18.0539**.

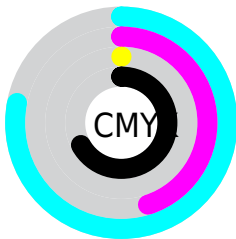
Distribution



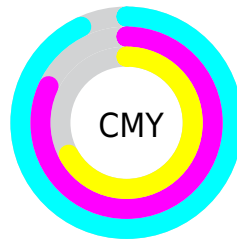
- Red (7%)
- Green (18%)
- Blue (33%)



- Red (7%)
- Yellow (15%)
- Blue (33%)



- Cyan (78%)
- Magenta (45%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.9600, 20.7257, -21.0129 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 42.9600, 20.7257, -21.0129 by changing the saturation by 10% instead.

■ 42.9600, 20.7257,
-21.0129

■ 42.9600, 20.7257,
-21.0129

■ 255.0000, 0.0000,
0.0000

■ 22.9170, 19.2679,
-20.0982

■ 90.9220, 21.7305,
-16.5946

■ 5.7340, 16.8931,
-5.0287

■ 116.0360, 22.1673,
-16.6946

■ 2.5250, 7.1362,
-2.2144

■ 142.1500, 22.6041,
-16.7945

■ 0.0000, 0.0000,
0.0000

■ 168.6770, 23.3302,
-16.3797

■ 195.9050, 24.2038,
-16.5797

■ 222.1520, 16.1941,

-14.1653

■ 247.5470, 3.6743,
-11.8807

■ 42.9600, 20.7257,
-21.0129

■ 42.9600, 20.7257,
-21.0129

■ 37.3340, 23.4993,
-23.9719

■ 48.5860, 17.9521,
-18.0539

■ 32.0070, 26.1255,
-26.3161

■ 53.9130, 15.3259,
-15.7097

■ 30.8220, 26.7098,
-27.0309

■ 59.5390, 12.5523,
-12.7507

■ 64.8660, 9.9261,
-10.4065

■ 69.6060, 7.5892,
-7.5475

■ 75.2320, 4.8156,
-4.5885

■ 80.5590, 2.1894,
-2.2442

■ 86.1850, -0.5842,
0.7148

■ 91.5120, -3.2104,
3.0590

Harmonies

Analogous

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



40.5730, 20.9165, -35.5825



42.9600, 20.7257, -21.0129



48.4150, 14.0924, 6.6520

Triad

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



42.9600, 20.7257, -21.0129



45.6140, -11.1487, 29.2795



36.0470, -1.5022, -31.6132

Complementary

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



42.9600, 20.7257, -21.0129



61.0400, -20.7257, 21.0129

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.



41.7910, -13.2080, -10.3407



42.9600, 20.7257, -21.0129



45.3110, -18.3943, 19.8983

Square

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



42.9600, 20.7257, -21.0129



46.3290, -2.1342, 31.2835



44.0660, -20.2455, 6.9581



38.9140, 6.9444, -34.1276

Rectangle

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



42.9600, 20.7257, -21.0129



48.5260, 9.1077, 18.8327



44.0660, -20.2455, 6.9581



37.9400, -5.8864, -25.3804

Sweetspot

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



42.9600, 20.7257, -21.0129



93.4210, 8.1734, -8.2622



61.9600, -2.9383, -37.6759



45.9330, 4.9630, -5.2032



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



42.9600, 20.7257, -21.0129



44.8690, 32.1096, -32.3341



27.7200, 28.2390, -4.1394



40.6300, 1.1684, -1.4295



38.6130, 33.7148, -33.8636



85.4900, 73.7084, -74.9747

Inverse Universe

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



41.9260, 2.5015, 37.7759



43.4000, 3.7468, 58.4082



76.2800, -28.2390, 4.1394



40.4240, 0.2840, 2.2592



37.1230, 3.8834, 61.2821



81.6650, 9.0392, 134.4748

Previews

White Background



This preview shows how the YUV color 42.9600, 20.7257, -21.0129 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 42.9600, 20.7257, -21.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

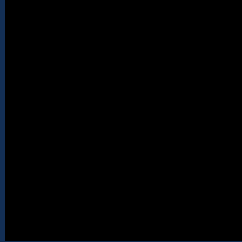
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.9600, 20.7257, -21.0129

Background



This preview shows how black text looks on a background with the YUV color 42.9600, 20.7257, -21.0129.



This preview shows how white text looks on a background with the YUV color 42.9600, 20.7257,

-21.0129.

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

42.9600, 20.7257, -21.0129

Protanopia

45.2490, 19.1042, -14.2504

Deuteranopia

39.6600, 22.3526, -29.5198



Tritanopia

36.9080, 9.4124, -32.3683

Trichromacy



Original Color

42.9600, 20.7257, -21.0129

Protanomaly

44.0530, 19.6939, -16.7095

Deuteranomaly

41.1550, 21.6156, -26.4459

Tritanomaly

39.0810, 13.7641, -28.1350

Monochromacy



Original Color

42.9600, 20.7257, -21.0129

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.6060, 7.5892, -7.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.9600, 20.7257, -21.0129 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(19, 47, 85)` looks like.

```
.text, #text, p{  
    color:rgb(19, 47, 85)  
}
```

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(19, 47, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 47, 85) }
```

Border

The CSS property to change the border of an element to YUV 42.9600, 20.7257, -21.0129 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(19, 47, 85) }
```


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

```
.border{ border-color:rgb(19, 47, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 47, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 47, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 47, 85);  
box-shadow:4px 4px 4px 4px rgb(19, 47, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.9600, 20.7257, -21.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 47, 85) }
```

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

```
.background{ background-color: rgb(19, 47,  
85) }
```

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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