

Converting Colors

YUV(46.0330, 70.4827,
-20.1999)

Have a look what the booklet for
YUV(46.0330, 70.4827, -20.1999)
contains.

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Color

**YUV(46.0330, 70.4827,
-20.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	171EBD
RGB	23, 30, 189
RGB Percent	9%, 12%, 74%
CMY	0.9098, 0.8824, 0.2588
CMYK	0.88, 0.84, 0.00, 0.26
HSL	237°, 78%, 42%
HSV	237°, 88%, 74%
XYZ	10.0029, 4.7848, 48.5405
YIQ	46.0330, -55.2110, 47.9650

Conversions

Conversions Part 2

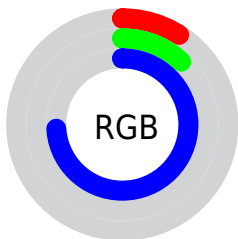
Format	Color
R_{YB}	23, 30, 189
Decimal	1515197
CIE _{Lab}	26.11, 54.55, -80.18
CIE _{LCh}	26, 96.971, 304.228
Yxy	4.7848, 0.1580, 0.0756
Android (android.graphics.Color)	4279705277 (0xFF171EBD)
YUV	46.0330, 70.4827, -20.1999
Hunter-Lab	21.8742, 43.3468, -116.2566

Details

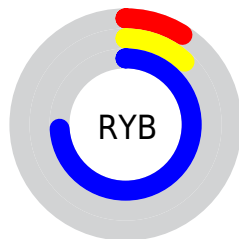
The YUV color **46.0330, 70.4827, -20.1999** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **165.9670, -70.4827, 20.1999**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.2250, 69.4021, -0.1973**, and **15.2760, 58.5309, -13.3971** is the 20% darker color. If you saturate the color by 10%, you get **29.7860, 78.4925, -22.6143**, and if you desaturate by 10%, it is **62.2800, 62.4730, -17.7856**.

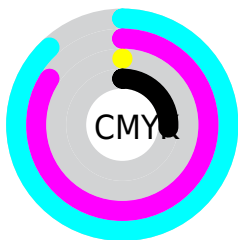
Distribution



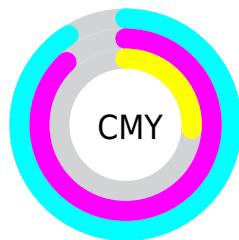
- Red (9%)
- Green (12%)
- Blue (74%)



- Red (9%)
- Yellow (12%)
- Blue (74%)



- Cyan (88%)
- Magenta (84%)
- Yellow (0%)
- Black (26%)



- Cyan (91%)
- Magenta (88%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.0330, 70.4827, -20.1999 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 46.0330, 70.4827, -20.1999 by changing the saturation by 10% instead.

■ 46.0330, 70.4827,
-20.1999

■ 46.0330, 70.4827,
-20.1999

■ 255.0000, 0.0000,
0.0000

■ 20.1150, 69.4563,
-17.6409

■ 106.2250, 69.4021,
-0.1973

■ 15.2760, 58.5309,
-13.3971

■ 131.3800, 60.9447,
5.8057

■ 12.3120, 47.1742,
-10.7976

■ 155.9110, 48.8509,
11.4791

■ 15.8050, 32.6341,
-13.8610

■ 180.7300, 36.6151,
16.0228

■ 9.5470, 23.8873,
-8.3727

■ 206.4350, 23.9425,
20.6665


■ 5.2780, 15.1459,
-4.6288


■ 230.3460, 12.1544,


■ 1.2540, 4.8048,


21.6216


-1.0998


 246.7820, 4.0515,
7.2072


 0.0000, 0.0000,
0.0000


 46.0330, 70.4827,
-20.1999


 46.0330, 70.4827,
-20.1999


 29.7860, 78.4925,
-22.6143


 62.2800, 62.4730,
-17.7856

 26.2420, 80.2397,
-23.0142

 78.5270, 54.4632,
-15.3712

 94.7740, 46.4534,
-12.9568

 111.0210, 38.4436,
-10.5424

 127.8550, 30.1445,
-8.6428

■ 143.8030, 22.2821,
-6.8432

■ 160.0500, 14.2724,
-4.4288

■ 176.2970, 6.2626,
-2.0145

■ 192.5440, -1.7472,
0.3999

Harmonies

Analogous

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



68.1760, 73.3702, -59.7904



46.0330, 70.4827, -20.1999



59.1430, 33.9465, 78.8046

Triad

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



46.0330, 70.4827, -20.1999



49.4030, -24.3557, 65.4216



57.4020, 6.7038, -50.3416

Complementary

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



46.0330, 70.4827, -20.1999



165.9670, -70.4827, 20.1999

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.



48.1340, -23.7301, -42.2135



46.0330, 70.4827, -20.1999



57.9000, -28.5447, 8.8577

Square

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



46.0330, 70.4827, -20.1999



48.7370, -24.0273, 100.2087



45.1990, -22.2831, -39.6395



67.1260, 38.8849, -58.8695

Rectangle

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



46.0330, 70.4827, -20.1999



60.8470, 9.4424, 98.3582



45.1990, -22.2831, -39.6395



53.8510, -4.3635, -47.2273

Sweetspot

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



46.0330, 70.4827, -20.1999



190.0570, 27.0869, -7.9430



138.4540, 20.9752, -101.2532



89.5060, 16.0195, -4.8288



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



46.0330, 70.4827, -20.1999



33.8000, 104.1216, -29.6426



64.3490, 61.4529, 29.5119



86.0260, 3.9312, -0.8998



22.1210, 66.9883, -19.4001



4.1210, 13.2513, -3.6141

Inverse Universe

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



73.4320, -21.4120, 101.3531



74.3950, -31.7467, 149.6206



147.6510, -61.4529, -29.5119



87.6910, -1.3267, 5.5330



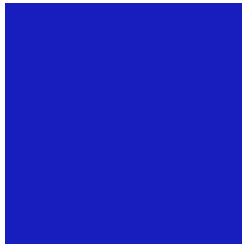
48.0400, -20.2327, 96.4349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 46.0330, 70.4827, -20.1999 looks on a white background.

Color Contrast Check

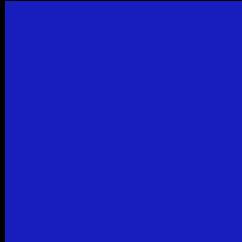
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.0330, 70.4827, -20.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

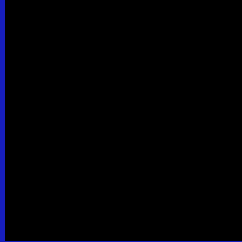
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.0330, 70.4827, -20.1999

Background



This preview shows how black text looks on a background with the YUV color 46.0330, 70.4827, -20.1999.



This preview shows how white text looks on a background with the YUV color 46.0330, 70.4827, -20.1999.

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

46.0330, 70.4827, -20.1999

Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.7660, 28.2164, -43.6448



Tritanopia

48.7110, 11.4815, -42.7195

Trichromacy



Original Color

46.0330, 70.4827, -20.1999

Protanomaly

48.1410, 49.7235, -35.2037

Deuteranomaly

48.5340, 43.6137, -35.5483

Tritanomaly

47.7870, 33.1360, -34.8932

Monochromacy



Original Color

46.0330, 70.4827, -20.1999

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0140, 25.6291, -7.0283

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.0330, 70.4827, -20.1999 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(23, 30, 189)` looks like.

```
.text, #text, p{  
    color:rgb(23, 30, 189)  
}
```

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(23, 30, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 30, 189) }
```

Border

The CSS property to change the border of an element to YUV 46.0330, 70.4827, -20.1999 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(23, 30, 189) }
```


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

```
.border{ border-color:rgb(23, 30, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 30, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 30, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 30, 189);  
box-shadow:4px 4px 4px 4px rgb(23, 30,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 46.0330, 70.4827, -20.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 30, 189) }
```

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

```
.background{ background-color: rgb(23, 30,  
189) }
```

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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