

Converting Colors

YUV(187.6060, 20.9002,
-30.3495)

Have a look what the booklet for
YUV(187.6060, 20.9002, -30.3495)
contains.

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Color

**YUV(187.6060, 20.9002,
-30.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	99C5E6
RGB	153, 197, 230
RGB Percent	60%, 77%, 90%
CMY	0.4000, 0.2275, 0.0980
CMYK	0.33, 0.14, 0.00, 0.10
HSL	206°, 61%, 75%
HSV	206°, 33%, 90%
XYZ	47.3860, 52.4180, 82.4831
YIQ	187.6060, -36.8170, 0.9350

Conversions

Conversions Part 2

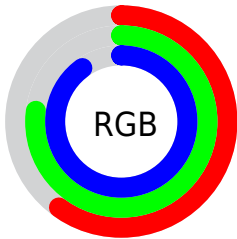
Format	Color
R_{YB}	153, 181, 230
Decimal	10077670
CIE _{Lab}	77.53, -6.68, -21.06
CIE _{LCh}	78, 22.094, 252.402
Yxy	52.4180, 0.2600, 0.2876
Android (android.graphics.Color)	4288267750 (0xFF99C5E6)
YUV	187.6060, 20.9002, -30.3495
Hunter-Lab	72.4003, -9.8720, -16.8668

Details

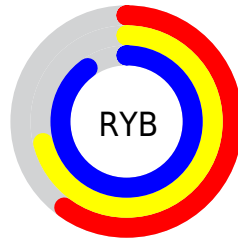
The YUV color **187.6060, 20.9002, -30.3495** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **195.3940, -20.9002, 30.3495**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6590, 7.0701, -27.7649**, and **133.3780, 20.0266, -30.1495** is the 20% darker color. If you saturate the color by 10%, you get **174.8590, 27.1845, -39.3413**, and if you desaturate by 10%, it is **200.3530, 14.6160, -21.3576**.

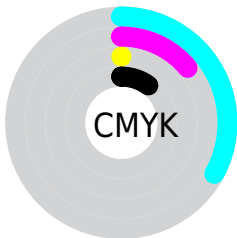
Distribution



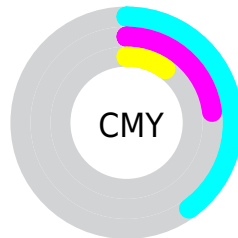
- Red (60%)
- Green (77%)
- Blue (90%)



- Red (60%)
- Yellow (71%)
- Blue (90%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6060, 20.9002, -30.3495 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 187.6060, 20.9002, -30.3495 by changing the saturation by 10% instead.

■ 187.6060, 20.9002,
-30.3495

■ 187.6060, 20.9002,
-30.3495

255.0000, 0.0000,
0.0000

■ 160.4920, 20.4634,
-30.2495

■ 240.6590, 7.0701,
-27.7649

■ 133.3780, 20.0266,
-30.1495

■ 249.9170, 2.5059,
-10.4512

■ 107.9650, 19.7373,
-30.6643

■ 82.2530, 19.5953,
-31.7939

■ 56.3340, 20.0483,
-37.1269

■ 35.9110, 18.2849,
-31.4939

■ 21.5490, 14.0263,

-18.8985

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 187.6060, 20.9002,
-30.3495

■ 187.6060, 20.9002,
-30.3495

■ 174.8590, 27.1845,
-39.3413

■ 200.3530, 14.6160,
-21.3576

■ 162.1120, 33.4688,
-48.3332

■ 213.1000, 8.3317,
-12.3657

■ 149.3650, 39.7531,
-57.3251

■ 225.8470, 2.0474,
-3.3738

■ 137.2050, 45.7479,
-66.8318

■ 238.0070, -3.9475,
6.1329

■ 124.4580, 52.0322,
-75.8237

■ 246.8670, -8.3154,
7.1326

■ 111.7110, 58.3165,
-84.8155

■ 252.1500,
-10.9200, 2.4994

■ 103.1170, 62.5533,
-90.4336

Harmonies

Analogous

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



184.3890, 16.5702, -41.5602



187.6060, 20.9002, -30.3495



191.3850, 19.5302, -10.8616

Triad

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



187.6060, 20.9002, -30.3495



194.8410, -5.3446, 34.3424



187.4920, -13.0606, -10.9555

Complementary

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



187.6060, 20.9002, -30.3495



195.3940, -20.9002, 30.3495

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.



189.8210, -18.6458, 7.1730



187.6060, 20.9002, -30.3495



193.5390, -14.0697, 32.8533

Square

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



187.6060, 20.9002, -30.3495



195.0170, 4.4286, 26.2951



191.8060, -19.1314, 22.9721



184.7270, -2.8234, -27.8246

Rectangle

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



187.6060, 20.9002, -30.3495



193.8490, 15.8504, 2.7634



191.8060, -19.1314, 22.9721



188.2540, -15.4082, -4.6078

Sweetspot

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



187.6060, 20.9002, -30.3495



241.0680, 6.8685, -9.7066



201.8470, -8.3056, -42.8388



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



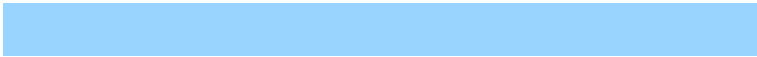
128.0000, 0.0000, 0.0000

Same Dimension

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



187.6060, 20.9002, -30.3495



198.6740, 27.7687, -40.0561



165.3000, 31.8971, -10.7871



108.4770, 3.2158, -4.8033



80.2800, 48.6690, -70.4056



22.8370, 13.8844, -20.0280

Inverse Universe

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



181.0390, 7.8688, 42.9388



190.1100, 10.2988, 56.9085



217.7000, -31.8971, 10.7871



107.3860, 1.2887, 6.6775



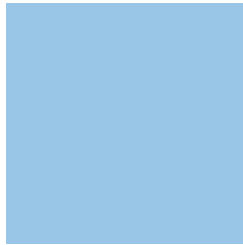
65.1490, 18.1675, 99.8473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 187.6060, 20.9002, -30.3495 looks on a white background.

Color Contrast Check

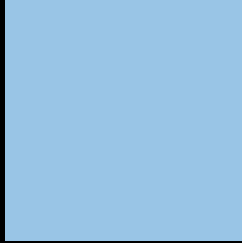
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 187.6060, 20.9002, -30.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

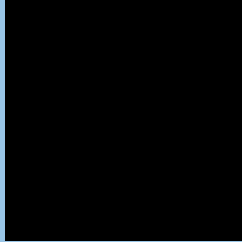
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.6060, 20.9002, -30.3495

Background



This preview shows how black text looks on a background with the YUV color 187.6060, 20.9002, -30.3495.



This preview shows how white text looks on a background with the YUV color 187.6060, 20.9002, -30.3495.

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

187.6060, 20.9002, -30.3495

Protanopia

191.6090, 16.4618, -6.6731

Deuteranopia

192.7280, 19.3611, -3.2695



Tritanopia

186.1730, 14.2117, -31.7237

Trichromacy



Original Color

187.6060, 20.9002, -30.3495

Protanomaly

190.3090, 18.0887, -15.1800

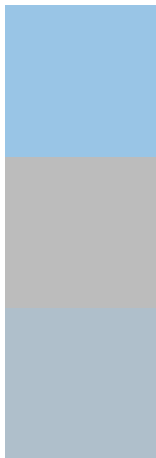
Deuteranomaly

191.0750, 19.6830, -13.2208

Tritanomaly

186.4550, 16.5377, -31.0940

Monochromacy



Original Color

187.6060, 20.9002, -30.3495

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.5840, 7.6001, -11.0362

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6060, 20.9002, -30.3495 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(153, 197, 230)` looks like.

```
.text, #text, p{  
    color:rgb(153, 197, 230)  
}
```

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(153, 197, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 197, 230) }
```

Border

The CSS property to change the border of an element to YUV 187.6060, 20.9002, -30.3495 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

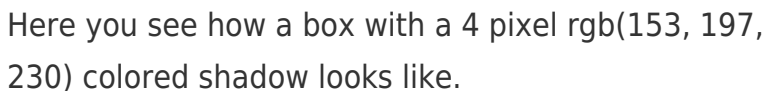
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 197, 230) }
```


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

```
.border{ border-color:rgb(153, 197, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 197, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(153, 197,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 187.6060, 20.9002, -30.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 197, 230) }
```

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

```
.background{ background-color: rgb(153,  
197, 230) }
```

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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