

Converting Colors

YUV(175.2000, 29.9744,
-47.5334)

Have a look what the booklet for
YUV(175.2000, 29.9744, -47.5334)
contains.

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Color

**YUV(175.2000, 29.9744,
-47.5334)**

Conversions

Conversions Part 1

Format	Color
Hex	79BFEC
RGB	121, 191, 236
RGB Percent	47%, 75%, 93%
CMY	0.5255, 0.2510, 0.0745
CMYK	0.49, 0.19, 0.00, 0.07
HSL	203°, 75%, 70%
HSV	203°, 49%, 93%
XYZ	41.6563, 47.3827, 86.3071
YIQ	175.2000, -56.1650, -0.8450

Conversions

Conversions Part 2

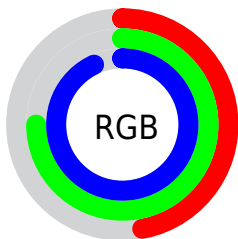
Format	Color
RYB	121, 165, 236
Decimal	7978988
CIELab	74.43, -10.00, -29.17
CIElCh	74, 30.841, 251.071
Yxy	47.3827, 0.2376, 0.2702
Android (android.graphics.Color)	4286169068 (0xFF79BFEC)
YUV	175.2000, 29.9744, -47.5334
Hunter-Lab	68.8351, -12.4402, -26.1547

Details

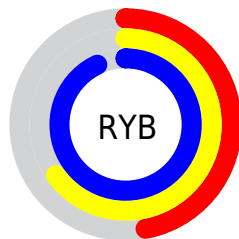
The YUV color **175.2000, 29.9744, -47.5334** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **181.8000, -29.9744, 47.5334**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5800, 13.5181, -42.6047**, and **120.0640, 29.5484, -50.9221** is the 20% darker color. If you saturate the color by 10%, you get **162.7410, 36.1167, -57.6549**, and if you desaturate by 10%, it is **187.6590, 23.8321, -37.4119**.

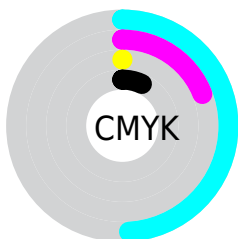
Distribution



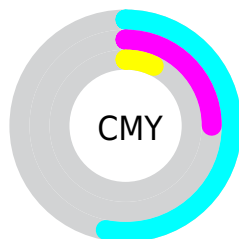
- Red (47%)
- Green (75%)
- Blue (93%)



- Red (47%)
- Yellow (65%)
- Blue (93%)



- Cyan (49%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2000, 29.9744, -47.5334 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 175.2000, 29.9744, -47.5334 by changing the saturation by 10% instead.

■ 175.2000, 29.9744,
-47.5334

■ 175.2000, 29.9744,
-47.5334

255.0000, 0.0000,
0.0000

■ 147.4880, 29.8324,
-48.6630

■ 227.5800, 13.5181,
-42.6047

■ 120.0640, 29.5484,
-50.9221

■ 240.9470, 6.9281,
-28.8945

■ 90.3620, 30.8805,
-58.1995

■ 249.9170, 2.5059,
-10.4512

■ 66.1340, 30.0069,
-57.9995

■ 49.7830, 25.7430,
-43.6597

■ 34.1330, 21.6264,
-29.9346

■ 19.7710, 17.3679,

-17.3392

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 175.2000, 29.9744,
-47.5334

■ 175.2000, 29.9744,
-47.5334

■ 162.7410, 36.1167,
-57.6549

■ 187.6590, 23.8321,
-37.4119

■ 150.5810, 42.1116,
-67.1615

■ 199.8190, 17.8372,
-27.9053

■ 137.5350, 48.5432,
-76.7682

■ 212.8650, 11.4056,
-18.2986

■ 125.3750, 54.5381,
-86.2749

■ 225.0250, 5.4107,
-8.7919

■ 112.9160, 60.6804,
-96.3963

■ 237.4840, -0.7316,
1.3295

■ 111.4320, 61.4120,
-97.7259

■ 247.5510, -5.6946,
6.5328

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



169.0100, 24.6451, -64.9068



175.2000, 29.9744, -47.5334



182.4040, 27.4088, -17.8943

Triad

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



175.2000, 29.9744, -47.5334



186.5760, -6.6930, 46.8528



177.3900, -18.4333, -14.3740

Complementary

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



175.2000, 29.9744, -47.5334



181.8000, -29.9744, 47.5334

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.



180.7800, -26.5135, 10.7169



175.2000, 29.9744, -47.5334



184.7640, -18.6177, 44.9340

Square

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



175.2000, 29.9744, -47.5334



187.4680, 7.1643, 35.5466



183.0260, -26.1418, 31.5492



172.6070, -4.2433, -39.1203

Rectangle

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



175.2000, 29.9744, -47.5334



185.3850, 22.9812, 2.2934



183.0260, -26.1418, 31.5492



178.2340, -21.8074, -5.4672

Sweetspot

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



175.2000, 29.9744, -47.5334



234.8330, 9.9423, -15.6395



193.5210, -14.0609, -63.6009



115.8400, 5.9949, -9.5067



0.0000, 0.0000, 0.0000



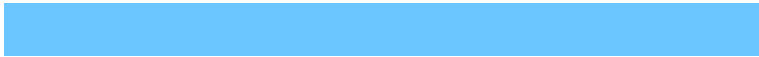
128.0000, 0.0000, 0.0000

Same Dimension

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



175.2000, 29.9744, -47.5334



176.7020, 38.6009, -61.1287



141.7410, 46.4697, -18.1899



111.3630, 2.7790, -4.7034



85.2040, 47.2274, -74.7239



25.5270, 14.0372, -22.3872

Inverse Universe

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



163.3650, 13.6241, 63.7009



161.5120, 17.4956, 81.9890



215.2590, -46.4697, 18.1899



110.0870, 1.4361, 6.0627



66.6590, 21.3671, 100.2771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 175.2000, 29.9744, -47.5334 looks on a white background.

Color Contrast Check

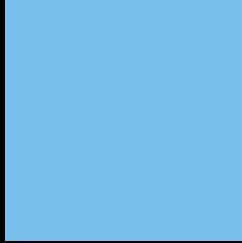
Large Text (above 18pt) WCAG AA × Fail

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 175.2000, 29.9744, -47.5334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

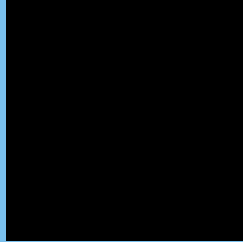
Any Text WCAG AA ✓ Pass

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 175.2000, 29.9744, -47.5334 Background



This preview shows how black text looks on a background with the YUV color 175.2000, 29.9744, -47.5334.



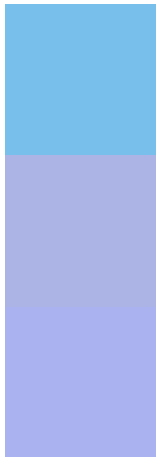
This preview shows how white text looks on a background with the YUV color 175.2000, 29.9744, -47.5334.

-47.5334.

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

175.2000, 29.9744, -47.5334

Protanopia

182.7810, 22.2930, -10.3319

Deuteranopia

183.1490, 27.5345, -11.5317



Tritanopia

172.3060, 19.0761, -52.0114

Trichromacy



Original Color

175.2000, 29.9744, -47.5334

Protanomaly

180.0890, 25.0991, -23.7571

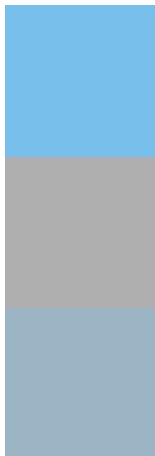
Deuteranomaly

180.0010, 28.5935, -24.5569

Tritanomaly

173.6420, 22.8545, -50.5520

Monochromacy



Original Color

175.2000, 29.9744, -47.5334

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0500, 10.8214, -17.5838

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2000, 29.9744, -47.5334 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(121, 191, 236)` looks like.

```
.text, #text, p{  
    color:rgb(121, 191, 236)  
}
```

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(121, 191, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 191, 236) }
```

Border

The CSS property to change the border of an element to YUV 175.2000, 29.9744, -47.5334 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(121, 191, 236) }
```


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

```
.border{ border-color:rgb(121, 191, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 191, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 191, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 191, 236);  
box-shadow:4px 4px 4px 4px rgb(121, 191,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 175.2000, 29.9744, -47.5334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 191, 236) }
```

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

```
.background{ background-color: rgb(121,  
191, 236) }
```

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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