

Converting Colors

YUV(173.3520, 29.4065,
-52.0517)

Have a look what the booklet for
YUV(173.3520, 29.4065, -52.0517)
contains.

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Color

**YUV(173.3520, 29.4065,
-52.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	72C0E9
RGB	114, 192, 233
RGB Percent	45%, 75%, 91%
CMY	0.5529, 0.2471, 0.0863
CMYK	0.51, 0.18, 0.00, 0.09
HSL	201°, 73%, 68%
HSV	201°, 51%, 91%
XYZ	40.4970, 47.1599, 84.0591
YIQ	173.3520, -59.6490, -3.7850

Conversions

Conversions Part 2

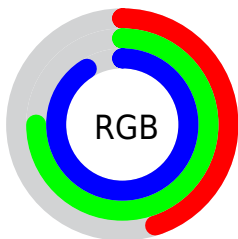
Format	Color
RYB	114, 161, 233
Decimal	7520489
CIELab	74.29, -12.95, -27.80
CIELCh	74, 30.665, 245.022
Yxy	47.1599, 0.2358, 0.2746
Android (android.graphics.Color)	4285710569 (0xFF72C0E9)
YUV	173.3520, 29.4065, -52.0517
Hunter-Lab	68.6730, -14.9149, -24.5027

Details

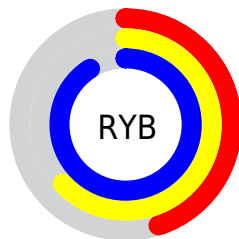
The YUV color **173.3520, 29.4065, -52.0517** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **173.6480, -29.4065, 52.0517**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0740, 14.2605, -47.4229**, and **117.3190, 29.4227, -57.2848** is the 20% darker color. If you saturate the color by 10%, you get **161.7790, 35.1120, -62.0732**, and if you desaturate by 10%, it is **184.9250, 23.7010, -42.0302**.

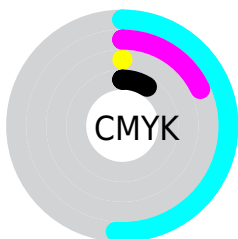
Distribution



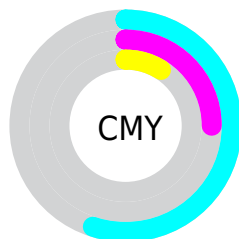
- Red (45%)
- Green (75%)
- Blue (91%)



- Red (45%)
- Yellow (63%)
- Blue (91%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.3520, 29.4065, -52.0517 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 173.3520, 29.4065, -52.0517 by changing the saturation by 10% instead.

■ 173.3520, 29.4065,
-52.0517

■ 173.3520, 29.4065,
-52.0517

255.0000, 0.0000,
0.0000

■ 145.3410, 29.4119,
-53.7961

■ 226.0740, 14.2605,
-47.4229

■ 117.3190, 29.4227,
-57.2848

■ 238.8540, 7.9600,
-33.1980

■ 83.4310, 32.8185,
-73.1690

■ 247.8240, 3.5378,
-14.7546

■ 66.3790, 28.4072,
-58.2144

■ 49.4410, 24.4326,
-43.3598

■ 33.7910, 20.3160,
-29.6347

■ 20.0160, 15.7681,

-17.5540

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 173.3520, 29.4065,
-52.0517

■ 173.3520, 29.4065,
-52.0517

■ 161.7790, 35.1120,
-62.0732

■ 184.9250, 23.7010,
-42.0302

■ 149.9070, 40.9648,
-72.7094

■ 196.7970, 17.8481,
-31.3940

■ 138.3340, 46.6703,
-82.7309

■ 208.3700, 12.1426,
-21.3725

■ 126.7610, 52.3758,
-92.7524

■ 219.9430, 6.4371,
-11.3510

■ 116.3730, 57.4971,
-102.0591

■ 231.8150, 0.5842,
-0.7148

■ 243.3880, -5.1213,
9.3067

■ 248.3830, -7.5838,
5.8031

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



168.1410, 22.6085, -65.0217



173.3520, 29.4065, -52.0517



180.8870, 28.1567, -24.4569

Triad

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



173.3520, 29.4065, -52.0517



186.6620, -3.7774, 45.0234



177.5540, -20.4861, -9.2559

Complementary

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



173.3520, 29.4065, -52.0517



173.6480, -29.4065, 52.0517

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.



180.4000, -26.8192, 15.4352



173.3520, 29.4065, -52.0517



185.0460, -16.2917, 45.5637

Square

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



173.3520, 29.4065, -52.0517



187.1300, 9.7959, 31.4580



183.2760, -25.2791, 34.8379



173.4290, -7.6065, -33.7022

Rectangle

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



173.3520, 29.4065, -52.0517



184.3950, 24.4553, -3.8544



183.2760, -25.2791, 34.8379



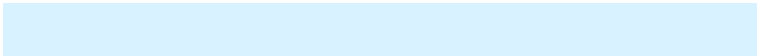
178.5120, -23.4234, -0.4490

Sweetspot

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



173.3520, 29.4065, -52.0517



236.0070, 9.3635, -16.6691



188.4130, -16.9656, -65.2602



116.4270, 5.7055, -10.0215



0.0000, 0.0000, 0.0000



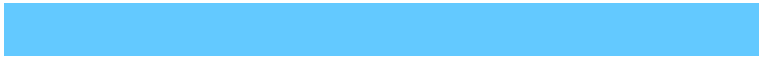
128.0000, 0.0000, 0.0000

Same Dimension

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



173.3520, 29.4065, -52.0517



176.6580, 38.6226, -68.1061



139.3060, 46.1911, -22.1934



111.3630, 2.7790, -4.7034



90.4870, 44.6229, -79.3571



26.7010, 13.4584, -23.4168

Inverse Universe

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



158.4730, 16.5288, 65.3602



157.2720, 21.5579, 85.7075



207.6940, -46.1911, 22.1934



110.0870, 1.4361, 6.0627



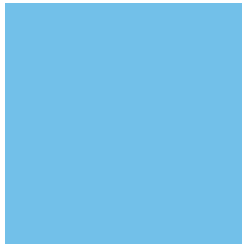
67.6850, 25.2983, 99.3773



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 173.3520, 29.4065, -52.0517 looks on a white background.

Color Contrast Check

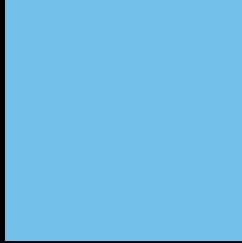
Large Text (above 18pt) WCAG AA × Fail

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 173.3520, 29.4065, -52.0517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

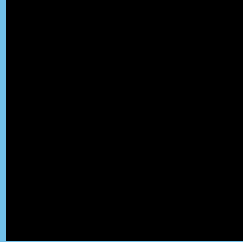
Any Text WCAG AA ✓ Pass

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 173.3520, 29.4065, -52.0517 Background



This preview shows how black text looks on a background with the YUV color 173.3520, 29.4065, -52.0517.



This preview shows how white text looks on a background with the YUV color 173.3520, 29.4065, -52.0517.

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

173.3520, 29.4065, -52.0517

Protanopia

182.3250, 20.5458, -9.9320

Deuteranopia

182.8070, 26.2241, -11.2317



Tritanopia

171.2130, 20.1080, -56.3148

Trichromacy



Original Color

173.3520, 29.4065, -52.0517

Protanomaly

178.7360, 23.7942, -25.2015

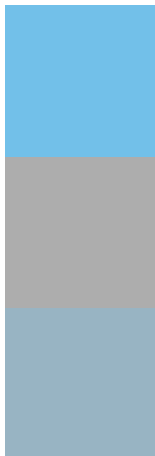
Deuteranomaly

179.6480, 27.2885, -26.0013

Tritanomaly

172.4350, 23.4495, -54.7555

Monochromacy



Original Color

173.3520, 29.4065, -52.0517

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3380, 10.6794, -18.7134

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.3520, 29.4065, -52.0517 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(114, 192, 233)` looks like.

```
.text, #text, p{  
    color:rgb(114, 192, 233)  
}
```

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(114, 192, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 192, 233) }
```

Border

The CSS property to change the border of an element to YUV 173.3520, 29.4065, -52.0517 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(114, 192, 233) }
```


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

```
.border{ border-color:rgb(114, 192, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 192, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 192, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 192, 233);  
box-shadow:4px 4px 4px 4px rgb(114, 192,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 173.3520, 29.4065, -52.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 192, 233) }
```

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

```
.background{ background-color: rgb(114,  
192, 233) }
```

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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