

Converting Colors

YUV(162.3520, -7.5685,
-45.9127)

Have a look what the booklet for
YUV(162.3520, -7.5685, -45.9127)
contains.

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Color

**YUV(162.3520, -7.5685,
-45.9127)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC093
RGB	110, 192, 147
RGB Percent	43%, 75%, 58%
CMY	0.5686, 0.2471, 0.4235
CMYK	0.43, 0.00, 0.23, 0.25
HSL	147°, 39%, 59%
HSV	147°, 43%, 75%
XYZ	30.5465, 43.1209, 34.3170
YIQ	162.3520, -34.4270, -31.3790

Conversions

Conversions Part 2

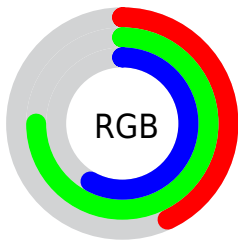
Format	Color
RYB	110, 167, 192
Decimal	7258259
CIELab	71.64, -35.26, 14.99
CIELCh	72, 38.313, 156.965
Yxy	43.1209, 0.2829, 0.3993
Android (android.graphics.Color)	4285448339 (0xFF6EC093)
YUV	162.3520, -7.5685, -45.9127
Hunter-Lab	65.6665, -31.8823, 14.9819

Details

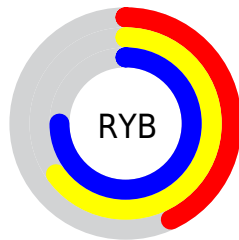
The YUV color **162.3520, -7.5685, -45.9127** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **139.6480, 7.5685, 45.9127**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.4120, -8.5841, -46.8423**, and **108.3950, -6.1107, -46.8274** is the 20% darker color. If you saturate the color by 10%, you get **155.4170, -9.5726, -56.4937**, and if you desaturate by 10%, it is **169.2870, -5.5645, -35.3317**.

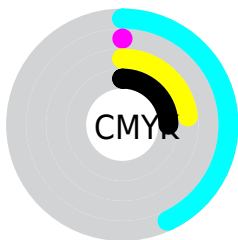
Distribution



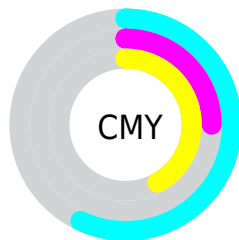
- Red (43%)
- Green (75%)
- Blue (58%)



- Red (43%)
- Yellow (65%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)



- Cyan (57%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.3520, -7.5685, -45.9127 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 162.3520, -7.5685, -45.9127 by changing the saturation by 10% instead.

■ 162.3520, -7.5685,
-45.9127

■ 162.3520, -7.5685,
-45.9127

255.0000, 0.0000,
0.0000

■ 135.4660, -7.1317,
-46.0127

■ 218.4120, -8.5841,
-46.8423

■ 108.3950, -6.1107,
-46.8274

■ 233.4980, -2.2175,
-35.5167

■ 81.1280, -4.5001,
-50.1013

■ 245.1330, 4.8644,
-20.2876

■ 56.7690, -3.3371,
-49.7864

■ 253.8040, 0.5896,
-2.4591

■ 40.1730, -6.0013,
-35.2317

■ 24.5230, -10.1178,
-21.5067

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 162.3520, -7.5685,
-45.9127

■ 162.3520, -7.5685,
-45.9127

■ 155.4170, -9.5726,
-56.4937

■ 169.2870, -5.5645,
-35.3317

■ 148.5960,
-11.1398, -67.1747

■ 176.1080, -3.9972,
-24.6507

■ 141.3620,
-12.9965, -78.3705

■ 183.3420, -2.1406,
-13.4549

■ 134.5410,
-14.5637, -89.0515

■ 190.1630, -0.5734,
-2.7740

■ 127.6060,
-16.5678, -99.6325

■ 197.0980, 1.4307,
7.8071

■ 122.6220,
-17.5616, -107.5395

■ 203.9190, 2.9979,
18.4880

■ 210.8540, 5.0020,
29.0690

■ 215.2830, 7.7485,
34.8318

■ 216.5370, 12.5533,
33.7321

Harmonies

Analogous

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



168.3810, -24.8378, -13.4891



162.3520, -7.5685, -45.9127



152.9790, 14.8004, -80.6656

Triad

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



162.3520, -7.5685, -45.9127



172.5040, 35.7405, -30.2600



176.9610, -20.6868, 55.2852

Complementary

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



162.3520, -7.5685, -45.9127



139.6480, 7.5685, 45.9127

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.



178.7990, -4.8309, 56.3043



162.3520, -7.5685, -45.9127



178.8250, 25.7223, 9.8005

Square

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



162.3520, -7.5685, -45.9127



159.4510, 39.2177, -72.3095



180.0540, 11.8054, 40.2946



175.1150, -31.1157, 40.2411

Rectangle

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



162.3520, -7.5685, -45.9127



146.0330, 29.5637, -102.6379



180.0540, 11.8054, 40.2946



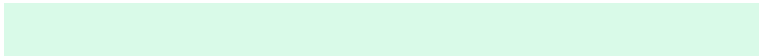
177.9380, -15.7454, 57.0594

Sweetspot

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



162.3520, -7.5685, -45.9127



238.0810, -2.9979, -18.4880



171.5890, -30.3634, -14.5486



117.7660, -1.8566, -11.1958



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



162.3520, -7.5685, -45.9127



203.7480, -11.7078, -71.6930



167.0260, 10.3402, -50.0118



93.4400, -0.7099, -5.6479



102.7150, -15.1425, -90.0811



21.0810, -2.9979, -18.4880

Inverse Universe

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



139.6480, 7.5685, 45.9127



168.2520, 11.7078, 71.6930



134.9740, -10.3402, 50.0118



90.6740, 1.1467, 5.5479



58.1710, 14.7057, 90.1810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 162.3520, -7.5685, -45.9127 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 162.3520, -7.5685, -45.9127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

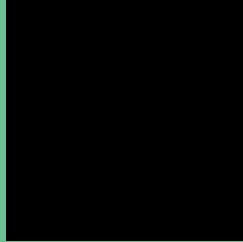
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.3520, -7.5685, -45.9127

Background



This preview shows how black text looks on a background with the YUV color 162.3520, -7.5685, -45.9127.



This preview shows how white text looks on a background with the YUV color 162.3520, -7.5685, -45.9127.

-45.9127.

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

162.3520, -7.5685, -45.9127

Protanopia

173.5980, -17.0568, 10.8766

Deuteranopia

175.4450, -11.5584, 20.6577



Tritanopia

168.1720, 15.6912, -39.6158

Trichromacy



Original Color

162.3520, -7.5685, -45.9127

Protanomaly

169.6770, -13.6448, -10.2407

Deuteranomaly

170.9320, -10.3195, -3.4484

Tritanomaly

166.2720, 7.2609, -42.3345

Monochromacy



Original Color

162.3520, -7.5685, -45.9127

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.2060, -2.5666, -16.8437

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.3520, -7.5685, -45.9127 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(110, 192, 147)` looks like.

```
.text, #text, p{  
    color:rgb(110, 192, 147)  
}
```

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(110, 192, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 192, 147) }
```

Border

The CSS property to change the border of an element to YUV 162.3520, -7.5685, -45.9127 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(110, 192, 147) }
```


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

```
.border{ border-color:rgb(110, 192, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 192, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 192, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 192, 147);  
box-shadow:4px 4px 4px 4px rgb(110, 192,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 162.3520, -7.5685, -45.9127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 192, 147) }
```

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

```
.background{ background-color: rgb(110,  
192, 147) }
```

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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