

Converting Colors

YUV(162.0120, 41.8991,
-45.6145)

Have a look what the booklet for
YUV(162.0120, 41.8991, -45.6145)
contains.

YUV(162.0120, 41.8991, -45.6145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(162.0120, 41.8991,
-45.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	6EACF7
RGB	110, 172, 247
RGB Percent	43%, 67%, 97%
CMY	0.5686, 0.3255, 0.0314
CMYK	0.55, 0.30, 0.00, 0.03
HSL	213°, 90%, 70%
HSV	213°, 55%, 97%
XYZ	37.9714, 39.5354, 93.6255
YIQ	162.0120, -61.0270, 10.1810

Conversions

Conversions Part 2

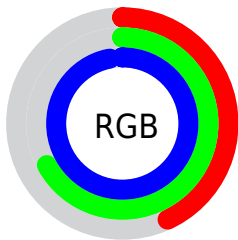
Format	Color
R _Y B	110, 153, 247
Decimal	7253239
CIE Lab	69.14, 1.28, -43.40
CIE LCh	69, 43.415, 271.688
Yxy	39.5354, 0.2219, 0.2310
Android (android.graphics.Color)	4285443319 (0xFF6EACF7)
YUV	162.0120, 41.8991, -45.6145
Hunter-Lab	62.8772, -2.2393, -44.2700

Details

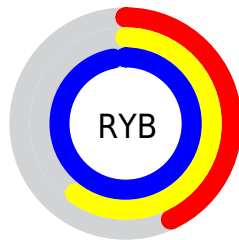
The YUV color **162.0120, 41.8991, -45.6145** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **194.9880, -41.8991, 45.6145**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8500, 20.7800, -38.4564**, and **104.9570, 41.9262, -54.3363** is the 20% darker color. If you saturate the color by 10%, you get **146.3190, 49.6357, -53.7768**, and if you desaturate by 10%, it is **177.7050, 34.1624, -37.4523**.

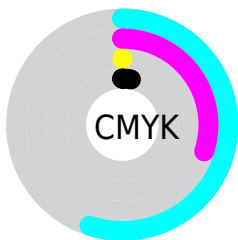
Distribution



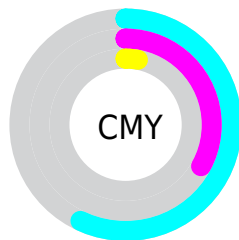
- Red (43%)
- Green (67%)
- Blue (97%)



- Red (43%)
- Yellow (60%)
- Blue (97%)



- Cyan (55%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (57%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.0120, 41.8991, -45.6145 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 162.0120, 41.8991, -45.6145 by changing the saturation by 10% instead.

■ 162.0120, 41.8991,
-45.6145

■ 162.0120, 41.8991,
-45.6145

255.0000, 0.0000,
0.0000

■ 134.1750, 41.3257,
-48.3885

■ 212.8500, 20.7800,
-38.4564

■ 104.9570, 41.9262,
-54.3363

■ 238.2560, 8.2548,
-34.4275

■ 74.9340, 43.4165,
-65.7171

■ 247.2260, 3.8326,
-15.9842

■ 57.7680, 38.5684,
-50.6625

■ 42.0040, 34.0150,
-36.8375

■ 27.4140, 28.8829,
-24.0421

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 162.0120, 41.8991,
-45.6145

■ 162.0120, 41.8991,
-45.6145

■ 146.3190, 49.6357,
-53.7768

■ 177.7050, 34.1624,
-37.4523

■ 131.5120, 56.9356,
-61.8390

■ 192.5120, 26.8626,
-29.3900

■ 115.8190, 64.6722,
-70.0013

■ 208.2050, 19.1259,
-21.2278

■ 100.7130, 72.1195,
-78.6783

■ 223.3110, 11.6787,
-12.5507

■ 93.9020, 75.4773,
-82.3521

■ 239.0040, 3.9420,
-4.3885

■ 252.9140, -2.9156,
1.8294

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



134.4390, 50.5626, -117.9030



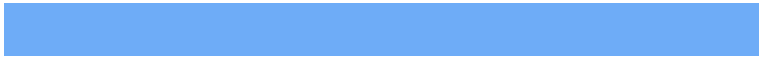
162.0120, 41.8991, -45.6145



171.9750, 31.5643, 2.6529

Triad

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



162.0120, 41.8991, -45.6145



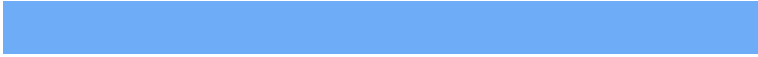
169.9450, -19.6929, 63.1922



154.2010, -11.9311, -46.6573

Complementary

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



162.0120, 41.8991, -45.6145



194.9880, -41.8991, 45.6145

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.



161.3230, -30.2322, -9.9303



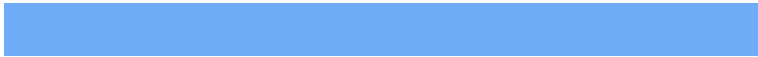
162.0120, 41.8991, -45.6145



167.8880, -33.4688, 48.3332

Square

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



162.0120, 41.8991, -45.6145



171.9290, -1.9370, 61.4523



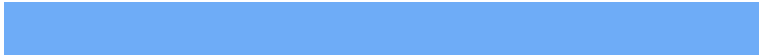
165.2840, -37.6080, 22.5529



136.3030, 16.6126, -101.9977

Rectangle

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



162.0120, 41.8991, -45.6145



173.6210, 21.8788, 29.2734



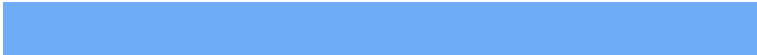
165.2840, -37.6080, 22.5529



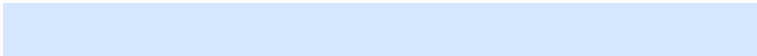
157.0410, -19.2472, -33.3620

Sweetspot

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



162.0120, 41.8991, -45.6145



228.0550, 13.2839, -14.0802



198.7410, -7.7603, -77.8259



112.0080, 7.8841, -8.7770



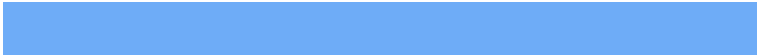
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



162.0120, 41.8991, -45.6145



148.6930, 52.4094, -56.7358



127.1130, 59.1043, -10.6231



114.8900, 3.5052, -4.2885



70.5120, 56.9356, -61.8390



22.5750, 17.9575, -19.7983

Inverse Universe

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



158.0310, 6.8867, 78.0258



143.9070, 8.4268, 97.4286



229.8870, -59.1043, 10.6231



114.2720, 0.8519, 6.7775



65.1900, 9.2733, 105.9504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 162.0120, 41.8991, -45.6145 looks on a white background.

Color Contrast Check

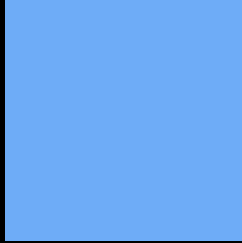
Large Text (above 18pt) WCAG AA × Fail

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 162.0120, 41.8991, -45.6145 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

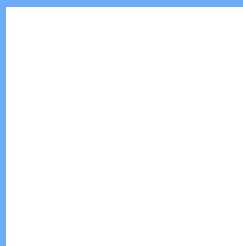
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.0120, 41.8991, -45.6145

Background



This preview shows how black text looks on a background with the YUV color 162.0120, 41.8991, -45.6145.



This preview shows how white text looks on a background with the YUV color 162.0120, 41.8991, -45.6145.

-45.6145.

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

162.0120, 41.8991, -45.6145

Protanopia

167.2000, 36.8764, -21.2234

Deuteranopia

166.0680, 40.3925, -29.0006



Tritanopia

156.3870, 19.5292, -57.3444

Trichromacy



Original Color

162.0120, 41.8991, -45.6145

Protanomaly

165.6010, 38.6507, -30.3451

Deuteranomaly

164.8500, 40.9930, -34.9484

Tritanomaly

158.2980, 27.9541, -52.8813

Monochromacy



Original Color

162.0120, 41.8991, -45.6145

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.2010, 15.1839, -16.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.0120, 41.8991, -45.6145 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, 172, 247)` looks like.

```
.text, #text, p{  
    color:rgb(110, 172, 247)  
}
```

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, 172, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 172, 247) }
```

Border

The CSS property to change the border of an element to YUV 162.0120, 41.8991, -45.6145 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, 172, 247) }
```


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

```
.border{ border-color:rgb(110, 172, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 172, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 172, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 172, 247);  
box-shadow:4px 4px 4px 4px rgb(110, 172,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 162.0120, 41.8991, -45.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 172, 247) }
```

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

```
.background{ background-color: rgb(110,  
172, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor