

Converting Colors

YUV(162.1090, -45.4097,
51.6474)

Have a look what the booklet for
YUV(162.1090, -45.4097, 51.6474)
contains.

YUV(162.1090, -45.4097, 51.6474)	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(162.1090, -45.4097,
51.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9646
RGB	221, 150, 70
RGB Percent	87%, 59%, 27%
CMY	0.1333, 0.4118, 0.7255
CMYK	0.00, 0.32, 0.68, 0.13
HSL	32°, 69%, 57%
HSV	32°, 68%, 87%
XYZ	41.8306, 37.6270, 10.8524
YIQ	162.1090, 67.9960, -9.8280

Conversions

Conversions Part 2

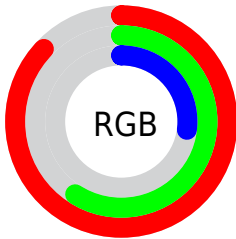
Format	Color
RYB	204, 221, 70
Decimal	14521926
CIELab	67.74, 19.36, 51.66
CIELCh	68, 55.165, 69.459
Yxy	37.6270, 0.4632, 0.4166
Android (android.graphics.Color)	4292712006 (0xFFDD9646)
YUV	162.1090, -45.4097, 51.6474
Hunter-Lab	61.3409, 14.3792, 32.4491

Details

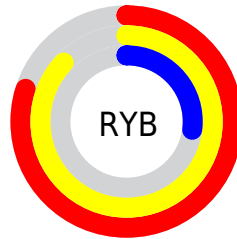
The YUV color **162.1090, -45.4097, 51.6474** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **128.8910, 45.4097, -51.6474**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9010, -43.3352, 39.5518**, and **108.0760, -45.3935, 46.4143** is the 20% darker color. If you saturate the color by 10%, you get **153.7310, -52.1254, 58.9949**, and if you desaturate by 10%, it is **170.4870, -38.6941, 44.2999**.

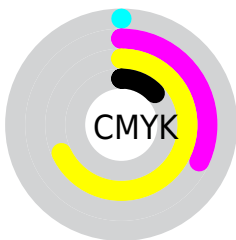
Distribution



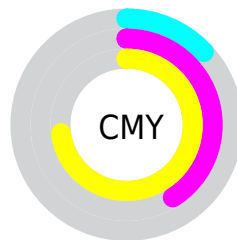
- Red (87%)
- Green (59%)
- Blue (27%)



- Red (80%)
- Yellow (87%)
- Blue (27%)



- Cyan (0%)
- Magenta (32%)
- Yellow (68%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.1090, -45.4097, 51.6474 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 162.1090, -45.4097, 51.6474 by changing the saturation by 10% instead.

■ 162.1090,
-45.4097, 51.6474

■ 162.1090,
-45.4097, 51.6474

■ 255.0000, 0.0000,
0.0000

■ 135.0270,
-44.3833, 49.0883

■ 209.9010,
-43.3352, 39.5518

■ 108.0760,
-45.3935, 46.4143

■ 229.3010,
-40.0814, 22.5380

■ 83.4930, -41.1620,
42.5406

■ 245.9940,
-34.5070, 7.8983

■ 61.6200, -30.3787,
37.1673

■ 249.1860,
-22.2767, 5.0989

■ 40.3340, -19.8847,
31.2791

■ 252.3780,
-10.0464, 2.2995

■ 19.9340, -9.8275,
25.4909

■ 6.2790, -3.0955,

12.9103

■ 0.0000, 0.0000,
0.0000

■ 162.1090,
-45.4097, 51.6474

■ 162.1090,
-45.4097, 51.6474

■ 153.7310,
-52.1254, 58.9949

■ 170.4870,
-38.6941, 44.2999

■ 144.7660,
-58.5516, 66.8572

■ 179.4520,
-32.2678, 36.4376

■ 136.3880,
-65.2673, 74.2047

■ 187.8300,
-25.5522, 29.0901

■ 134.7580,
-66.4357, 75.6342

■ 196.7950,
-19.1259, 21.2278

■ 205.2870,
-11.9735, 13.7803

■ 213.6650, -5.2578,
6.4328

■ 222.6300, 1.1684,
-1.4295

■ 231.0080, 7.8841,
-8.7770

■ 238.3770, 8.1951,
-15.2396

Harmonies

Analogous

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



164.0900, -29.6244, 75.3431



162.1090, -45.4097, 51.6474



158.2050, -47.9221, 17.3602

Triad

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



162.1090, -45.4097, 51.6474



132.0500, 23.6394, -115.8078



169.2140, 35.8835, 17.3523

Complementary

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



162.1090, -45.4097, 51.6474



128.8910, 45.4097, -51.6474

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.



156.7220, 48.4511, -47.1142



162.1090, -45.4097, 51.6474



136.2340, 44.7476, -119.4772

Square

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



162.1090, -45.4097, 51.6474



135.4240, -3.6600, -86.3178



134.7300, 59.2931, -118.1582



168.6250, 15.9609, 60.8419

Rectangle

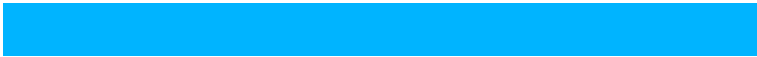
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.1090, -45.4097, 51.6474



154.8040, -39.8364, -9.4751



134.7300, 59.2931, -118.1582



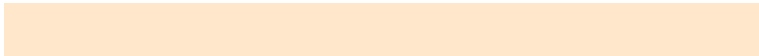
167.2870, 41.7635, -2.0057

Sweetspot

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



162.1090, -45.4097, 51.6474



235.0980, -15.3313, 17.4541



123.4710, 9.6278, 85.5329



115.6610, -9.1999, 10.8213



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.



162.1090, -45.4097, 51.6474



173.6480, -62.9305, 71.3457



202.8890, -65.5143, 13.2523



105.2240, -3.0684, 4.1886



105.7310, -52.1254, 58.9949



27.8420, -13.7261, 15.9246

Inverse Universe

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



128.8910, 45.4097, -51.6474



127.3520, 62.9305, -71.3457



88.1110, 65.5143, -13.2523



103.1890, 3.3578, -3.6738



67.8560, 51.8360, -59.5097



18.1580, 13.7261, -15.9246

Previews

White Background



This preview shows how the YUV color 162.1090, -45.4097, 51.6474 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 162.1090, -45.4097, 51.6474 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 162.1090, -45.4097, 51.6474

Background



This preview shows how black text looks on a background with the YUV color 162.1090, -45.4097, 51.6474.



This preview shows how white text looks on a background with the YUV color 162.1090, -45.4097, 51.6474.

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

162.1090, -45.4097, 51.6474

Protanopia

161.0080, -42.4019, 20.1640

Deuteranopia

161.5050, -46.0980, 39.0221



Tritanopia

167.6690, -7.7248, 51.1563

Trichromacy



Original Color

162.1090, -45.4097, 51.6474

Protanomaly

161.1450, -43.4555, 31.4448

Deuteranomaly

161.3530, -45.5300, 43.5404

Tritanomaly

165.4120, -21.4021, 51.3817

Monochromacy



Original Color

162.1090, -45.4097, 51.6474

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.1690, -16.3523, 18.2688

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.1090, -45.4097, 51.6474 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(221, 150, 70)` looks like.

```
.text, #text, p{  
    color:rgb(221, 150, 70)  
}
```

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(221, 150, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 150, 70) }
```

Border

The CSS property to change the border of an element to YUV 162.1090, -45.4097, 51.6474 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(221, 150, 70) }
```


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

```
.border{ border-color:rgb(221, 150, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 150, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 150, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 150, 70);  
box-shadow:4px 4px 4px 4px rgb(221, 150,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 162.1090, -45.4097, 51.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 150, 70) }
```

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

```
.background{ background-color: rgb(221,  
150, 70) }
```

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