

Converting Colors

YUV(121.2080, 21.0965,
-46.6634)

Have a look what the booklet for
YUV(121.2080, 21.0965, -46.6634)
contains.

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Color

**YUV(121.2080, 21.0965,
-46.6634)**

Conversions

Conversions Part 1

Format	Color
Hex	448CA4
RGB	68, 140, 164
RGB Percent	27%, 55%, 64%
CMY	0.7333, 0.4510, 0.3569
CMYK	0.59, 0.15, 0.00, 0.36
HSL	195°, 41%, 45%
HSV	195°, 59%, 64%
XYZ	18.4628, 22.6654, 38.5237
YIQ	121.2080, -50.6160, -7.8000

Conversions

Conversions Part 2

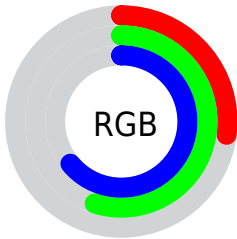
Format	Color
R_{YB}	68, 109, 164
Decimal	4492452
CIE _{Lab}	54.73, -15.28, -19.51
CIE _{LCh}	55, 24.786, 231.935
Yxy	22.6654, 0.2318, 0.2846
Android (android.graphics.Color)	4282682532 (0xFF448CA4)
YUV	121.2080, 21.0965, -46.6634
Hunter-Lab	47.6082, -14.0908, -14.6506

Details

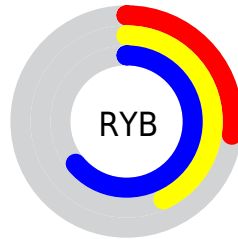
The YUV color **121.2080, 21.0965, -46.6634** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **110.7920, -21.0965, 46.6634**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9200, 21.2384, -45.5338**, and **65.5980, 22.8762, -57.5294** is the 20% darker color. If you saturate the color by 10%, you get **114.0760, 24.6125, -54.4407**, and if you desaturate by 10%, it is **128.3400, 17.5804, -38.8862**.

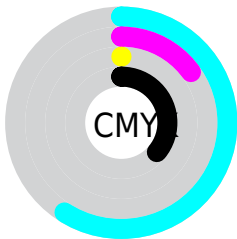
Distribution



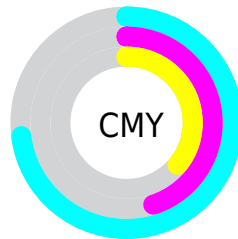
- Red (27%)
- Green (55%)
- Blue (64%)



- Red (27%)
- Yellow (43%)
- Blue (64%)



- Cyan (59%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (73%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2080, 21.0965, -46.6634 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 121.2080, 21.0965, -46.6634 by changing the saturation by 10% instead.

121.2080, 21.0965,
-46.6634

121.2080, 21.0965,
-46.6634

255.0000, 0.0000,
0.0000

93.7130, 21.8335,
-49.7373

175.9200, 21.2384,
-45.5338

65.5980, 22.8762,
-57.5294

204.0340, 21.6752,
-45.6338

48.7740, 19.3384,
-42.7748

229.9390, 12.3551,
-42.9195

33.1240, 15.2219,
-29.0497

241.5450, 6.6333,
-27.6650

19.4630, 11.1107,
-17.0691

250.2160, 2.3585,
-9.8364

2.9810, 8.8834,
-2.6143

0.0000, 0.0000,

0.0000

■ 121.2080, 21.0965,
-46.6634

■ 121.2080, 21.0965,
-46.6634

■ 114.0760, 24.6125,
-54.4407

■ 128.3400, 17.5804,
-38.8862

■ 106.6450, 28.2760,
-62.8327

■ 135.7710, 13.9169,
-30.4942

■ 99.5130, 31.7921,
-70.6099

■ 142.9030, 10.4008,
-22.7169

■ 92.0820, 35.4556,
-79.0019

■ 150.3340, 6.7373,
-14.3249

■ 90.8970, 36.0398,
-79.7167

■ 157.4660, 3.2213,
-6.5477

■ 165.1850, -0.5842,
0.7148

■ 172.6160, -4.2477,
9.1068

■ 179.7480, -7.7638,
16.8840

■ 187.1790,
-11.4272, 25.2760

Harmonies

Analogous

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



119.4220, 13.1030, -49.4821



121.2080, 21.0965, -46.6634



127.0730, 22.6420, -29.0050

Triad

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



121.2080, 21.0965, -46.6634



133.7680, 2.0864, 30.8985



128.4890, -18.4821, 1.3251

Complementary

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



121.2080, 21.0965, -46.6634



110.7920, -21.0965, 46.6634

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.



130.4310, -20.4255, 18.0390



121.2080, 21.0965, -46.6634



133.3420, -8.5496, 35.6571

Square

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



121.2080, 21.0965, -46.6634



134.1990, 11.7339, 16.4885



132.1320, -16.8271, 30.5792



125.4310, -10.5655, -17.9180

Rectangle

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



121.2080, 21.0965, -46.6634



130.7160, 20.8460, -12.9059



132.1320, -16.8271, 30.5792



128.5930, -19.5193, 7.3729

Sweetspot

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



121.2080, 21.0965, -46.6634



197.3550, 8.2060, -18.7283



127.0880, -17.2984, -51.8202



96.6010, 5.1267, -11.0511



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



121.2080, 21.0965, -46.6634



147.4310, 32.8185, -73.1690



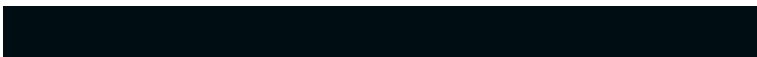
93.0320, 34.9872, -21.9531



78.1350, 1.9054, -4.5034



80.5130, 31.7921, -70.6099



9.6830, 4.1003, -8.4920

Inverse Universe

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



104.9120, 17.2984, 51.8202



121.7320, 27.2471, 80.9190



138.9680, -34.9872, 21.9531



76.4890, 1.7309, 4.8331



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 121.2080, 21.0965, -46.6634 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2080, 21.0965, -46.6634 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 × Fail

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

YUV 121.2080, 21.0965, -46.6634 Background



This preview shows how black text looks on a background with the YUV color 121.2080, 21.0965, -46.6634.



This preview shows how white text looks on a background with the YUV color 121.2080, 21.0965, -46.6634.

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

121.2080, 21.0965, -46.6634

Protanopia

130.5830, 12.5306, -5.7733

Deuteranopia

131.2500, 17.6247, -6.3582



Tritanopia

119.6330, 16.4499, -49.6671

Trichromacy



Original Color

121.2080, 21.0965, -46.6634

Protanomaly

127.2930, 15.6316, -20.4280

Deuteranomaly

127.5040, 18.9785, -20.6130

Tritanomaly

120.1000, 18.1917, -48.3227

Monochromacy



Original Color

121.2080, 21.0965, -46.6634

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2520, 7.7638, -16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2080, 21.0965, -46.6634 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(68, 140, 164)` looks like.

```
.text, #text, p{  
    color:rgb(68, 140, 164)  
}
```

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(68, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 140, 164) }
```

Border

The CSS property to change the border of an element to YUV 121.2080, 21.0965, -46.6634 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(68, 140, 164) }
```


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

```
.border{ border-color:rgb(68, 140, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 140, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 140, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 140, 164);  
box-shadow:4px 4px 4px 4px rgb(68, 140,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 121.2080, 21.0965, -46.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 140, 164) }
```

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

```
.background{ background-color: rgb(68, 140,  
164) }
```

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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