

Converting Colors

YUV(174.1240, -8.4421,
-45.7127)

Have a look what the booklet for
YUV(174.1240, -8.4421, -45.7127)
contains.

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Color

**YUV(174.1240, -8.4421,
-45.7127)**

Conversions

Conversions Part 1

Format	Color
Hex	7ACC9D
RGB	122, 204, 157
RGB Percent	48%, 80%, 62%
CMY	0.5216, 0.2000, 0.3843
CMYK	0.40, 0.00, 0.23, 0.20
HSL	146°, 45%, 64%
HSV	146°, 40%, 80%
XYZ	35.7047, 49.7576, 39.6206
YIQ	174.1240, -33.7850, -32.0010

Conversions

Conversions Part 2

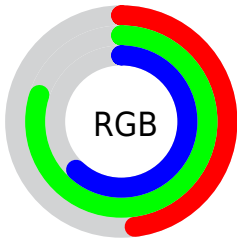
Format	Color
RYB	122, 179, 204
Decimal	8047773
CIELab	75.92, -35.44, 15.70
CIELCh	76, 38.758, 156.107
Yxy	49.7576, 0.2854, 0.3978
Android (android.graphics.Color)	4286237853 (0xFF7ACC9D)
YUV	174.1240, -8.4421, -45.7127
Hunter-Lab	70.5391, -33.0922, 16.0752

Details

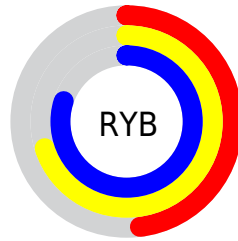
The YUV color **174.1240, -8.4421, -45.7127** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **151.8760, 8.4421, 45.7127**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7760, -7.2846, -43.6536**, and **119.8790, -6.8423, -45.4979** is the 20% darker color. If you saturate the color by 10%, you get **166.7760, -10.7356, -56.8086**, and if you desaturate by 10%, it is **181.4720, -6.1487, -34.6169**.

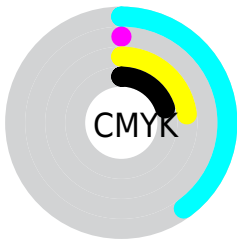
Distribution



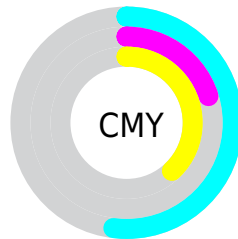
- Red (48%)
- Green (80%)
- Blue (62%)



- Red (48%)
- Yellow (70%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1240, -8.4421, -45.7127 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 174.1240, -8.4421, -45.7127 by changing the saturation by 10% instead.

■ 174.1240, -8.4421,
-45.7127

■ 174.1240, -8.4421,
-45.7127

255.0000, 0.0000,
0.0000

■ 146.6510, -7.7159,
-45.2979

■ 226.7760, -7.2846,
-43.6536

■ 119.8790, -6.8423,
-45.4979

■ 238.6390, 0.6710,
-28.6244

■ 93.0960, -5.9633,
-47.4422

■ 249.0200, 2.9481,
-12.2955

■ 64.1380, -3.0260,
-56.2490

■ 46.9550, -5.4008,
-41.1795

■ 31.0600, -7.9176,
-27.2396

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 174.1240, -8.4421,
-45.7127

■ 174.1240, -8.4421,
-45.7127

■ 166.7760,
-10.7356, -56.8086

■ 181.4720, -6.1487,
-34.6169

■ 159.2430,
-12.4448, -68.6191

■ 189.0050, -4.4395,
-22.8064

■ 151.8950,
-14.7382, -79.7149

■ 196.3530, -2.1460,
-11.7106

■ 144.2480,
-16.8843, -91.4255

■ 204.0000, 0.0000,
0.0000


■ 137.0140,
-18.7409, -102.6213


■ 211.2340, 1.8566,
11.1958

 129.6660,
-21.0343, -113.7171

 218.5820, 4.1501,
22.2916

 223.2390, 7.7702,
27.8544

 224.6070, 13.0117,
26.6547

 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



179.5660, -25.4220, -12.7744



174.1240, -8.4421, -45.7127



165.4630, 14.0687, -79.3361

Triad

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



174.1240, -8.4421, -45.7127



183.6780, 35.1617, -31.2896



188.9720, -20.6922, 57.0296

Complementary

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



174.1240, -8.4421, -45.7127



151.8760, 8.4421, 45.7127

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.



190.2120, -4.5415, 56.8191



174.1240, -8.4421, -45.7127



190.7540, 26.7433, 8.9857

Square

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



174.1240, -8.4421, -45.7127



171.8530, 39.5125, -73.5391



192.1680, 12.2422, 40.1947



186.8980, -31.9947, 42.1855

Rectangle

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



174.1240, -8.4421, -45.7127



160.3110, 27.9477, -97.6197



192.1680, 12.2422, 40.1947



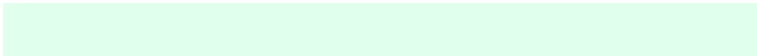
189.2370, -15.8928, 57.6742

Sweetspot

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



174.1240, -8.4421, -45.7127



243.6790, -3.2927, -17.2585



184.4860, -30.8056, -12.7042



121.3640, -2.1515, -9.9662



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.



174.1240, -8.4421, -45.7127



210.5420, -12.5922, -68.0043



178.6840, 9.0298, -49.7119



98.3260, -1.1467, -5.5479



105.5360, -17.0262, -92.5551



24.1300, -4.0081, -21.1620

Inverse Universe

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



151.8760, 8.4421, 45.7127



177.4580, 12.5922, 68.0043



147.3160, -9.0298, 49.7119



95.6740, 1.1467, 5.5479



60.4640, 17.0262, 92.5551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 174.1240, -8.4421, -45.7127 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 174.1240, -8.4421, -45.7127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

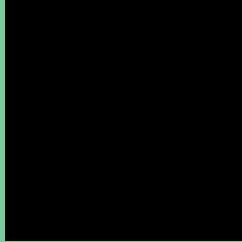
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.1240, -8.4421, -45.7127

Background



This preview shows how black text looks on a background with the YUV color 174.1240, -8.4421, -45.7127.



This preview shows how white text looks on a background with the YUV color 174.1240, -8.4421, -45.7127.

-45.7127.

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

174.1240, -8.4421, -45.7127

Protanopia

185.2560, -18.3672, 11.1765

Deuteranopia

187.2280, -12.4374, 22.6020



Tritanopia

180.1720, 15.6912, -39.6158

Trichromacy



Original Color

174.1240, -8.4421, -45.7127



Protanomaly

181.3350, -14.9552, -9.9408



Deuteranomaly

182.4160, -11.0511, -2.1188



Tritanomaly

178.1580, 6.8241, -42.2346

Monochromacy



Original Color

174.1240, -8.4421, -45.7127



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.0920, -3.0034, -16.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1240, -8.4421, -45.7127 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(122, 204, 157)` looks like.

```
.text, #text, p{  
    color:rgb(122, 204, 157)  
}
```

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(122, 204, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 204, 157) }
```

Border

The CSS property to change the border of an element to YUV 174.1240, -8.4421, -45.7127 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(122, 204, 157) }
```


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

```
.border{ border-color:rgb(122, 204, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 204, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 204, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 204, 157);  
box-shadow:4px 4px 4px 4px rgb(122, 204,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 174.1240, -8.4421, -45.7127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 204, 157) }
```

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

```
.background{ background-color: rgb(122,  
204, 157) }
```

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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