

Converting Colors

YUV(196.0420, 12.7973,
-44.7638)

Have a look what the booklet for
YUV(196.0420, 12.7973, -44.7638)
contains.

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Color

**YUV(196.0420, 12.7973,
-44.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	91D9DE
RGB	145, 217, 222
RGB Percent	57%, 85%, 87%
CMY	0.4314, 0.1490, 0.1294
CMYK	0.35, 0.02, 0.00, 0.13
HSL	184°, 54%, 72%
HSV	184°, 35%, 87%
XYZ	49.6747, 60.9194, 78.2477
YIQ	196.0420, -44.5170, -13.7090

Conversions

Conversions Part 2

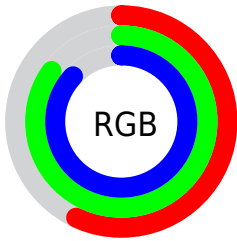
Format	Color
RYB	145, 182, 222
Decimal	9558494
CIELab	82.34, -21.11, -9.60
CIELCh	82, 23.189, 204.454
Yxy	60.9194, 0.2630, 0.3226
Android (android.graphics.Color)	4287748574 (0xFF91D9DE)
YUV	196.0420, 12.7973, -44.7638
Hunter-Lab	78.0509, -22.9844, -4.8039

Details

The YUV color **196.0420, 12.7973, -44.7638** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **170.9580, -12.7973, 44.7638**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8540, 7.9600, -33.1980**, and **141.0420, 12.7973, -44.7638** is the 20% darker color. If you saturate the color by 10%, you get **188.8770, 16.3296, -57.7741**, and if you desaturate by 10%, it is **203.2070, 9.2649, -31.7535**.

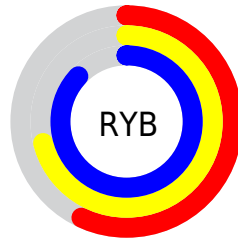
Distribution



Red (57%)

Green (85%)

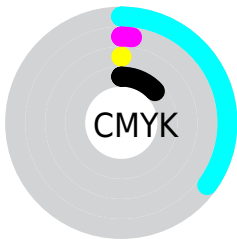
Blue (87%)



Red (57%)

Yellow (71%)

Blue (87%)

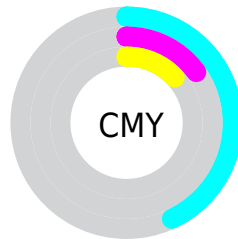


Cyan (35%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (43%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.0420, 12.7973, -44.7638 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 196.0420, 12.7973, -44.7638 by changing the saturation by 10% instead.

■ 196.0420, 12.7973,
-44.7638

■ 196.0420, 12.7973,
-44.7638

255.0000, 0.0000,
0.0000

■ 168.0420, 12.7973,
-44.7638

■ 238.8540, 7.9600,
-33.1980

■ 141.0420, 12.7973,
-44.7638

■ 247.5250, 3.6852,
-15.3694

■ 114.7430, 12.9447,
-45.3786

■ 87.5470, 13.5343,
-47.8377

■ 60.2690, 15.1504,
-52.8559

■ 44.0320, 11.3232,
-38.6161

■ 28.6100, 8.0803,

-25.0910

■ 12.2420, 6.2897,
-10.7362

■ 0.0000, 0.0000,
0.0000

■ 196.0420, 12.7973,
-44.7638

■ 196.0420, 12.7973,
-44.7638

■ 188.8770, 16.3296,
-57.7741

■ 203.2070, 9.2649,
-31.7535

■ 181.1250, 20.1514,
-70.2696

■ 210.9590, 5.4432,
-19.2580

■ 173.6610, 23.8311,
-83.8947

■ 218.4230, 1.7635,
-5.6330

■ 165.9090, 27.6529,
-96.3902

■ 226.1750, -2.0583,
6.8625

■ 158.7440, 31.1852,
-109.4005

■ 233.0410, -5.4432,
19.2580

■ 150.9920, 35.0069,
-121.8960

■ 234.2150, -6.0220,
18.2284

■ 147.4040, 36.7758,
-129.2733

■ 234.8020, -6.3114,
17.7136

■ 235.9760, -6.8902,
16.6840

■ 236.5630, -7.1796,
16.1692

Harmonies

Analogous

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



196.8230, 1.5663, -35.8018



196.0420, 12.7973, -44.7638



198.3120, 20.0592, -40.6156

Triad

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



196.0420, 12.7973, -44.7638



208.5690, 10.5655, 17.9180



204.3170, -20.8623, 18.1390

Complementary

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



196.0420, 12.7973, -44.7638



170.9580, -12.7973, 44.7638

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.



206.5020, -17.9955, 32.0087



196.0420, 12.7973, -44.7638



209.0240, 0.4812, 32.4280

Square

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



196.0420, 12.7973, -44.7638



206.5000, 18.4875, -3.0695



207.7120, -9.7180, 37.0866



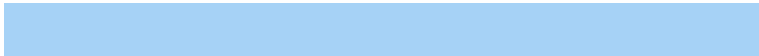
201.8910, -18.1873, 0.0956

Rectangle

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



196.0420, 12.7973, -44.7638



200.9480, 22.2106, -30.6494



207.7120, -9.7180, 37.0866



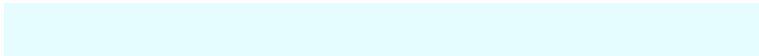
205.3500, -20.8785, 23.3721

Sweetspot

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



196.0420, 12.7973, -44.7638



246.3510, 4.2640, -14.3398



190.6550, -20.5359, -40.0394



122.6290, 2.6479, -9.3216



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.



196.0420, 12.7973, -44.7638



218.8980, 17.7983, -62.1775



174.3230, 23.5048, -25.7163



108.1240, 1.9109, -6.2477



116.9190, 29.1269, -102.5380



31.8870, 7.9437, -27.9649

Inverse Universe

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



176.2310, 20.0991, 40.1394



191.3930, 27.9073, 55.7833



192.6770, -23.5048, 25.7163



105.4290, 2.7465, 5.7628



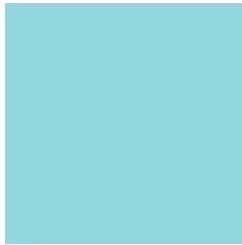
71.4340, 46.1280, 91.7044



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 196.0420, 12.7973, -44.7638 looks on a white background.

Color Contrast Check

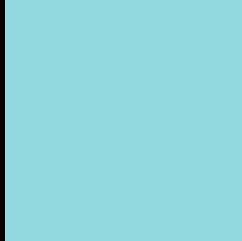
Large Text (above 18pt) WCAG AA × Fail

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 196.0420, 12.7973, -44.7638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

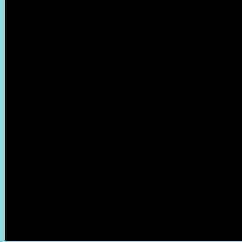
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.0420, 12.7973, -44.7638

Background



This preview shows how black text looks on a background with the YUV color 196.0420, 12.7973, -44.7638.



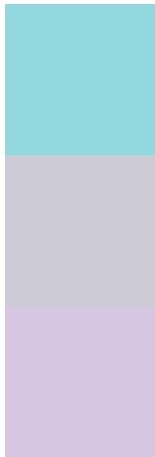
This preview shows how white text looks on a background with the YUV color 196.0420, 12.7973, -44.7638.

-44.7638.

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

196.0420, 12.7973, -44.7638

Protanopia

204.7380, 4.0732, 0.2298

Deuteranopia

205.9760, 9.8718, 7.0370



Tritanopia

197.0190, 17.7386, -42.9897

Trichromacy



Original Color

196.0420, 12.7973, -44.7638

Protanomaly

201.4370, 7.1796, -16.1692

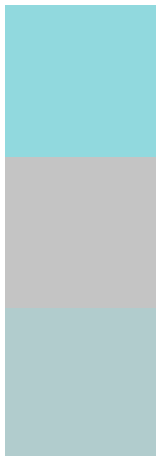
Deuteranomaly

202.4960, 11.0945, -11.8360

Tritanomaly

196.8510, 15.8495, -43.7193

Monochromacy



Original Color

196.0420, 12.7973, -44.7638

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0410, 4.4168, -16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.0420, 12.7973, -44.7638 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(145, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(145, 217, 222)  
}
```

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(145, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 217, 222) }
```

Border

The CSS property to change the border of an element to YUV 196.0420, 12.7973, -44.7638 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(145, 217, 222) }
```


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

```
.border{ border-color:rgb(145, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 217, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 217, 222); box-shadow:4px 4px 4px 4px rgb(145, 217, 222) }
```

Background

The CSS property to change the background color of an element to YUV 196.0420, 12.7973, -44.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 217, 222) }
```

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

```
.background{ background-color: rgb(145,  
217, 222) }
```

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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