

Converting Colors

YUV(150.9280, 12.3605,
-44.6639)

Have a look what the booklet for
YUV(150.9280, 12.3605, -44.6639)
contains.

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Color

**YUV(150.9280, 12.3605,
-44.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	64ACB0
RGB	100, 172, 176
RGB Percent	39%, 67%, 69%
CMY	0.6078, 0.3255, 0.3098
CMYK	0.43, 0.02, 0.00, 0.31
HSL	183°, 32%, 54%
HSV	183°, 43%, 69%
XYZ	27.8445, 35.3490, 46.4298
YIQ	150.9280, -44.1960, -14.0200

Conversions

Conversions Part 2

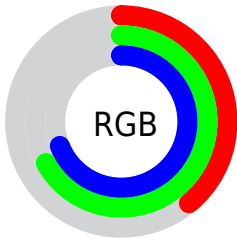
Format	Color
RYB	100, 137, 176
Decimal	6597808
CIELab	66.02, -21.46, -9.12
CIELCh	66, 23.316, 203.036
Yxy	35.3490, 0.2540, 0.3225
Android (android.graphics.Color)	4284787888 (0xFF64ACB0)
YUV	150.9280, 12.3605, -44.6639
Hunter-Lab	59.4550, -20.4494, -4.6824

Details

The YUV color **150.9280, 12.3605, -44.6639** is a light color, and the websafe version is hex **669999**. A complement of this color would be **125.0720, -12.3605, 44.6639**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6290, 12.5079, -45.2786**, and **97.1450, 13.2395, -46.6082** is the 20% darker color. If you saturate the color by 10%, you get **144.9590, 15.3032, -55.2150**, and if you desaturate by 10%, it is **156.8970, 9.4178, -34.1127**.

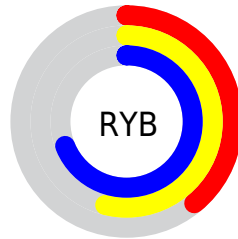
Distribution



Red (39%)

Green (67%)

Blue (69%)



Red (39%)

Yellow (54%)

Blue (69%)

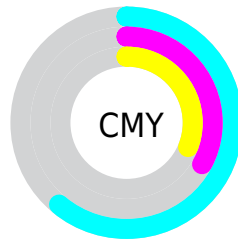


Cyan (43%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (61%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9280, 12.3605, -44.6639 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 150.9280, 12.3605, -44.6639 by changing the saturation by 10% instead.

150.9280, 12.3605,
-44.6639

150.9280, 12.3605,
-44.6639

255.0000, 0.0000,
0.0000

123.9280, 12.3605,
-44.6639

206.6290, 12.5079,
-45.2786

97.1450, 13.2395,
-46.6082

233.4720, 10.6133,
-44.2639

68.2470, 15.1612,
-56.3446

242.1430, 6.3385,
-26.4354

50.2270, 12.2131,
-44.0491

250.8140, 2.0637,
-8.6069

34.1040, 8.8227,
-29.9092

20.5570, 5.1484,
-18.0285

0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 150.9280, 12.3605,
-44.6639

■ 150.9280, 12.3605,
-44.6639

■ 144.9590, 15.3032,
-55.2150

■ 156.8970, 9.4178,
-34.1127

■ 139.2890, 18.0985,
-65.1515

■ 162.5670, 6.6225,
-24.1763

■ 133.3200, 21.0412,
-75.7026

■ 168.5360, 3.6798,
-13.6251

■ 127.6500, 23.8365,
-85.6391

■ 174.2060, 0.8844,
-3.6887

■ 121.6810, 26.7793,
-96.1902

■ 180.1750, -2.0583,
6.8625

■ 118.0930, 28.5482,
-103.5676

■ 186.1440, -5.0010,
17.4137

■ 191.2270, -7.5069,
27.8649

■ 197.1960,
-10.4496, 38.4161

■ 201.9690,
-12.8027, 46.5082

Harmonies

Analogous

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



152.4210, 1.2714, -34.5722



150.9280, 12.3605, -44.6639



152.8990, 19.7698, -41.1304

Triad

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



150.9280, 12.3605, -44.6639



163.9710, 10.8603, 16.6884



159.8440, -20.1361, 18.5538

Complementary

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



150.9280, 12.3605, -44.6639



125.0720, -12.3605, 44.6639

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.



161.8330, -16.6797, 29.9645



150.9280, 12.3605, -44.6639



164.1270, 0.9234, 30.5836

Square

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



150.9280, 12.3605, -44.6639



161.7880, 18.3455, -4.1991



162.9290, -8.8390, 35.1423



157.7170, -17.6085, 1.1252

Rectangle

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



150.9280, 12.3605, -44.6639



155.8230, 21.7793, -32.2938



162.9290, -8.8390, 35.1423



160.6920, -19.5682, 23.0721

Sweetspot

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



150.9280, 12.3605, -44.6639



219.8560, 5.0010, -17.4137



145.0680, -20.2465, -39.5246



108.7320, 3.0901, -11.1660



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



150.9280, 12.3605, -44.6639



190.0110, 19.7146, -70.1696



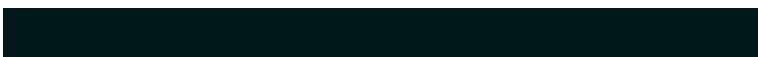
128.6220, 23.3574, -25.1015



86.3090, 1.3267, -5.5330



102.5570, 24.8684, -89.9425



17.0520, 4.4114, -14.9546

Inverse Universe

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



130.9320, 20.2465, 39.5246



158.7620, 31.6693, 62.4757



147.3780, -23.3574, 25.1015



83.7170, 2.6045, 4.6332



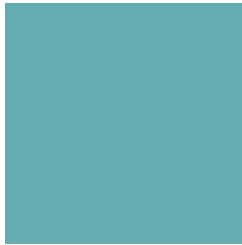
62.2770, 40.7824, 79.5641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 150.9280, 12.3605, -44.6639 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 150.9280, 12.3605, -44.6639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

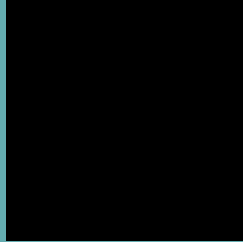
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.9280, 12.3605, -44.6639

Background



This preview shows how black text looks on a background with the YUV color 150.9280, 12.3605, -44.6639.

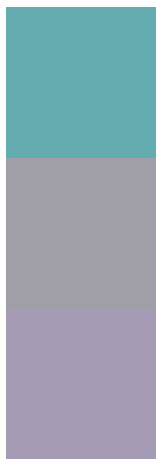


This preview shows how white text looks on a background with the YUV color 150.9280, 12.3605, -44.6639.

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

150.9280, 12.3605, -44.6639

Protanopia

160.3250, 3.7838, -0.2850

Deuteranopia

161.1390, 9.2985, 4.2631



Tritanopia

151.8510, 15.8495, -43.7193

Trichromacy



Original Color

150.9280, 12.3605, -44.6639

Protanomaly

157.0240, 6.8902, -16.6840

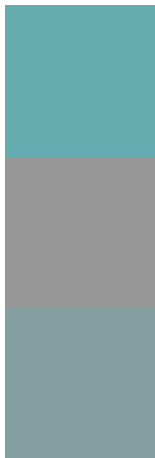
Deuteranomaly

157.3710, 10.6631, -13.4804

Tritanomaly

151.2100, 14.6865, -44.0342

Monochromacy



Original Color

150.9280, 12.3605, -44.6639

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0410, 4.4168, -16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9280, 12.3605, -44.6639 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(100, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(100, 172, 176)  
}
```

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(100, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 172, 176) }
```

Border

The CSS property to change the border of an element to YUV 150.9280, 12.3605, -44.6639 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(100, 172, 176) }
```


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

```
.border{ border-color:rgb(100, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(100, 172,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 150.9280, 12.3605, -44.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 172, 176) }
```

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

```
.background{ background-color: rgb(100,  
172, 176) }
```

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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