

Converting Colors

YUV(110.2100, 27.9975,
-66.8362)

Have a look what the booklet for
YUV(110.2100, 27.9975, -66.8362)
contains.

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Color

**YUV(110.2100, 27.9975,
-66.8362)**

Conversions

Conversions Part 1

Format	Color
Hex	228AA7
RGB	34, 138, 167
RGB Percent	13%, 54%, 65%
CMY	0.8667, 0.4588, 0.3451
CMYK	0.80, 0.17, 0.00, 0.35
HSL	193°, 66%, 39%
HSV	193°, 80%, 65%
XYZ	16.7232, 21.3071, 39.7905
YIQ	110.2100, -71.2930, -13.0290

Conversions

Conversions Part 2

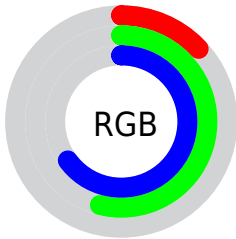
Format	Color
R _Y B	34, 92, 167
Decimal	2263719
CIE Lab	53.28, -18.46, -23.53
CIE LCh	53, 29.911, 231.887
Yxy	21.3071, 0.2149, 0.2738
Android (android.graphics.Color)	4280453799 (0xFF228AA7)
YUV	110.2100, 27.9975, -66.8362
Hunter-Lab	46.1596, -16.1102, -18.7975

Details

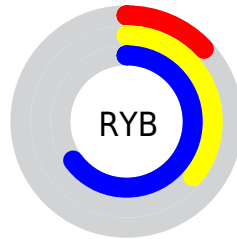
The YUV color **110.2100, 27.9975, -66.8362** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **90.7900, -27.9975, 66.8362**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5100, 26.3706, -58.3293**, and **64.7660, 24.7654, -56.7998** is the 20% darker color. If you saturate the color by 10%, you get **102.7790, 31.6610, -75.2282**, and if you desaturate by 10%, it is **117.6410, 24.3340, -58.4442**.

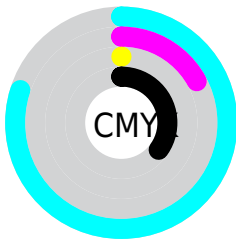
Distribution



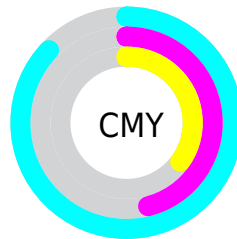
- Red (13%)
- Green (54%)
- Blue (65%)



- Red (13%)
- Yellow (36%)
- Blue (65%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (87%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.2100, 27.9975, -66.8362 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 110.2100, 27.9975, -66.8362 by changing the saturation by 10% instead.

■ 110.2100, 27.9975,
-66.8362

■ 110.2100, 27.9975,
-66.8362

■ 255.0000, 0.0000,
0.0000

■ 81.8180, 29.1767,
-71.7544

■ 168.5100, 26.3706,
-58.3293

■ 64.7660, 24.7654,
-56.7998

■ 196.3360, 26.9494,
-57.2997

■ 47.8280, 20.7908,
-41.9452

■ 222.4860, 16.0294,
-54.8002

■ 32.2920, 17.1110,
-28.3201

■ 235.5650, 9.5815,
-39.9605

■ 17.9300, 12.8525,
-15.7246

■ 244.2360, 5.3067,
-22.1320

■ 3.2090, 9.7570,
-2.8143

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 110.2100, 27.9975,
-66.8362

■ 110.2100, 27.9975,
-66.8362

■ 102.7790, 31.6610,
-75.2282

■ 117.6410, 24.3340,
-58.4442

■ 96.2340, 34.8876,
-83.5202

■ 124.1860, 21.1073,
-50.1521

■ 95.9350, 35.0350,
-84.1350

■ 131.6170, 17.4438,
-41.7601

■ 139.0480, 13.7803,
-33.3681

■ 145.5930, 10.5537,
-25.0761

■ 153.0240, 6.8902,
-16.6840

■ 159.8680, 3.5161,
-7.7772

■ 167.2990, -0.1474,
0.6148

■ 174.4310, -3.6635,
8.3920

Harmonies

Analogous

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



107.4840, 18.9884, -70.5845



110.2100, 27.9975, -66.8362



121.0980, 28.0527, -37.7969

Triad

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



110.2100, 27.9975, -66.8362



130.5130, 2.2121, 37.2611



123.8650, -22.1184, 0.9954

Complementary

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



110.2100, 27.9975, -66.8362



90.7900, -27.9975, 66.8362

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.



126.0140, -24.6569, 21.9127



110.2100, 27.9975, -66.8362



129.0440, -9.8817, 42.9344

Square

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



110.2100, 27.9975, -66.8362



130.7910, 13.9070, 19.4773



127.4810, -19.4641, 36.4122



119.6540, -12.1544, -21.6216

Rectangle

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



110.2100, 27.9975, -66.8362



126.1330, 25.0774, -16.7796



127.4810, -19.4641, 36.4122



124.4530, -23.8873, 8.3727

Sweetspot

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



110.2100, 27.9975, -66.8362



194.4080, 11.1379, -25.7908



115.3770, -25.8219, -71.3676



96.3230, 6.7428, -16.0693



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



110.2100, 27.9975, -66.8362



127.8060, 43.9726, -104.1929



71.4680, 47.0973, -32.8594



80.4340, 1.7580, -3.8886



84.9640, 31.0767, -74.5134



11.6720, 4.1057, -10.2363

Inverse Universe

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



85.6230, 25.8219, 71.3676



89.6600, 40.1006, 111.6772



129.5320, -47.0973, 32.8594



79.0760, 1.4415, 4.3183



57.4760, 28.8523, 79.3895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 110.2100, 27.9975, -66.8362 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 110.2100, 27.9975, -66.8362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

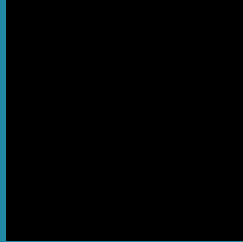
Any Text WCAG AA ✓ Pass

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 110.2100, 27.9975, -66.8362 Background



This preview shows how black text looks on a background with the YUV color 110.2100, 27.9975, -66.8362.

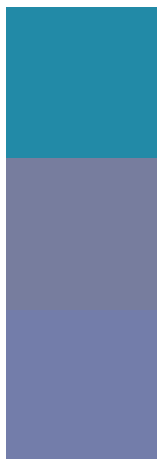


This preview shows how white text looks on a background with the YUV color 110.2100, 27.9975, -66.8362.

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

110.2100, 27.9975, -66.8362

Protanopia

126.9680, 15.2988, -6.9879

Deuteranopia

127.1400, 21.1300, -10.6468



Tritanopia

103.6830, 23.8203, -80.4060

Trichromacy



Original Color

110.2100, 27.9975, -66.8362

Protanomaly

120.9760, 19.7318, -28.9200

Deuteranomaly

121.2900, 23.5210, -30.9493

Tritanomaly

106.0580, 25.1144, -75.4729

Monochromacy



Original Color

110.2100, 27.9975, -66.8362

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8920, 10.4062, -24.4613

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.2100, 27.9975, -66.8362 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(34, 138, 167)` looks like.

```
.text, #text, p{  
    color:rgb(34, 138, 167)  
}
```

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(34, 138, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 138, 167) }
```

Border

The CSS property to change the border of an element to YUV 110.2100, 27.9975, -66.8362 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(34, 138, 167) }
```


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

```
.border{ border-color:rgb(34, 138, 167) }
```

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

Here you see how a box with a 4 pixel rgb(34, 138, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 138, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 138, 167);  
box-shadow:4px 4px 4px 4px rgb(34, 138,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 110.2100, 27.9975, -66.8362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 138, 167) }
```

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

```
.background{ background-color: rgb(34, 138,  
167) }
```

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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