

Converting Colors

YUV(142.6510, 25.8081,
-64.5919)

Have a look what the booklet for
YUV(142.6510, 25.8081, -64.5919)
contains.

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Color

**YUV(142.6510, 25.8081,
-64.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	45AAC3
RGB	69, 170, 195
RGB Percent	27%, 67%, 76%
CMY	0.7294, 0.3333, 0.2353
CMYK	0.65, 0.13, 0.00, 0.24
HSL	192°, 51%, 52%
HSV	192°, 65%, 76%
XYZ	26.6793, 33.9548, 56.7775
YIQ	142.6510, -68.2210, -13.6370

Conversions

Conversions Part 2

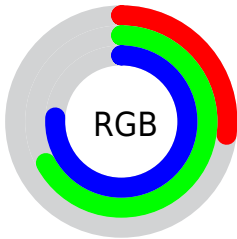
Format	Color
R _Y B	69, 125, 195
Decimal	4565699
CIE Lab	64.93, -21.44, -21.45
CIE LCh	65, 30.331, 225.008
Yxy	33.9548, 0.2272, 0.2892
Android (android.graphics.Color)	4282755779 (0xFF45AAC3)
YUV	142.6510, 25.8081, -64.5919
Hunter-Lab	58.2707, -20.2475, -16.9812

Details

The YUV color **142.6510, 25.8081, -64.5919** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **121.3490, -25.8081, 64.5919**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6730, 25.7972, -61.1032**, and **85.3400, 27.4404, -74.8432** is the 20% darker color. If you saturate the color by 10%, you get **134.3230, 29.9138, -74.8283**, and if you desaturate by 10%, it is **150.9790, 21.7024, -54.3556**.

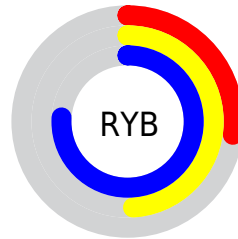
Distribution



Red (27%)

Green (67%)

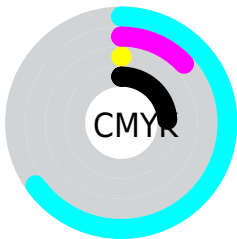
Blue (76%)



Red (27%)

Yellow (49%)

Blue (76%)

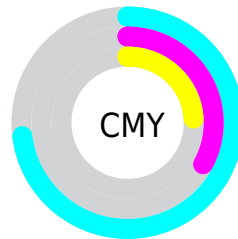


Cyan (65%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (73%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.6510, 25.8081, -64.5919 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 142.6510, 25.8081, -64.5919 by changing the saturation by 10% instead.

■ 142.6510, 25.8081,
-64.5919

■ 142.6510, 25.8081,
-64.5919

■ 255.0000, 0.0000,
0.0000

■ 112.0630, 27.5769,
-71.9693

■ 199.6730, 25.7972,
-61.1032

■ 85.3400, 27.4404,
-74.8432

■ 226.0080, 14.2931,
-57.8890

■ 67.8150, 23.7552,
-59.4738

■ 235.2660, 9.7289,
-40.5753

■ 50.8770, 19.7806,
-44.6191

■ 244.2360, 5.3067,
-22.1320

■ 34.6400, 15.9535,
-30.3793

■ 253.2060, 0.8844,
-3.6887

■ 21.5660, 11.5530,
-18.9134

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 142.6510, 25.8081,
-64.5919

■ 142.6510, 25.8081,
-64.5919

■ 134.3230, 29.9138,
-74.8283

■ 150.9790, 21.7024,
-54.3556

■ 126.2940, 33.8721,
-84.4498

■ 159.0080, 17.7441,
-44.7340

■ 118.2650, 37.8304,
-94.0714

■ 167.3360, 13.6384,
-34.4977

■ 113.8020, 40.0306,
-99.8044

■ 174.7780, 9.9694,
-24.3613

■ 183.1060, 5.8637,
-14.1250

■ 191.1350, 1.9054,
-4.5034

■ 199.4630, -2.2003,
5.7329

■ 207.4920, -6.1586,
15.3545

■ 215.5210,
-10.1169, 24.9761

Harmonies

Analogous

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



141.9860, 14.3039, -61.3777



142.6510, 25.8081, -64.5919



149.9940, 29.0900, -43.8447

Triad

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



142.6510, 25.8081, -64.5919



161.5990, 5.1277, 35.4317



154.6270, -24.4661, 7.3431

Complementary

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



142.6510, 25.8081, -64.5919



121.3490, -25.8081, 64.5919

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.



156.8190, -25.5468, 27.3457



142.6510, 25.8081, -64.5919



160.3370, -7.5611, 45.3085

Square

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



142.6510, 25.8081, -64.5919



161.2680, 17.1229, 14.6740



158.6280, -19.0436, 41.5452



150.9490, -16.2439, -16.6183

Rectangle

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



142.6510, 25.8081, -64.5919



155.6590, 27.2831, -24.2569



158.6280, -19.0436, 41.5452



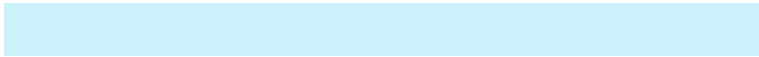
155.3290, -25.7982, 14.6205

Sweetspot

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



142.6510, 25.8081, -64.5919



232.3650, 9.6801, -24.8761



145.5840, -26.4169, -67.1642



115.5080, 6.1586, -15.3545



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.



142.6510, 25.8081, -64.5919



170.5030, 40.1780, -100.4191



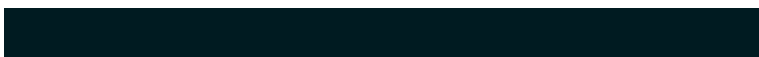
106.8440, 43.4609, -33.1892



92.8360, 2.0529, -5.1182



94.0770, 32.9930, -82.5055



19.6110, 6.6008, -17.1988

Inverse Universe

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



118.1880, 25.5433, 67.3641



132.5020, 39.6855, 104.7997



157.1560, -43.4609, 33.1892



90.9020, 2.0203, 5.3479



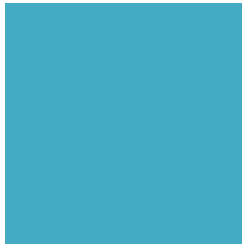
62.8450, 32.6144, 86.0819



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 142.6510, 25.8081, -64.5919 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 142.6510, 25.8081, -64.5919 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

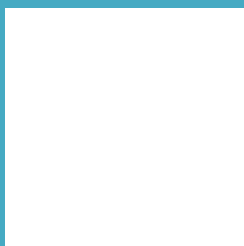
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.6510, 25.8081, -64.5919

Background



This preview shows how black text looks on a background with the YUV color 142.6510, 25.8081, -64.5919.



This preview shows how white text looks on a background with the YUV color 142.6510, 25.8081, -64.5919.

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

142.6510, 25.8081, -64.5919

Protanopia

157.2240, 13.6936, -5.4584

Deuteranopia

157.9340, 20.2455, -6.9581



Tritanopia

141.3040, 22.0351, -67.7956

Trichromacy



Original Color

142.6510, 25.8081, -64.5919

Protanomaly

151.6450, 18.4160, -26.8757

Deuteranomaly

152.6710, 22.3472, -27.7755

Tritanomaly

141.6570, 23.3401, -66.3512

Monochromacy



Original Color

142.6510, 25.8081, -64.5919

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.9630, 9.3852, -23.6466

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6510, 25.8081, -64.5919 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(69, 170, 195)` looks like.

```
.text, #text, p{  
    color:rgb(69, 170, 195)  
}
```

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(69, 170, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 170, 195) }
```

Border

The CSS property to change the border of an element to YUV 142.6510, 25.8081, -64.5919 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(69, 170, 195) }
```


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

```
.border{ border-color:rgb(69, 170, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 170, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 170, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 170, 195);  
box-shadow:4px 4px 4px 4px rgb(69, 170,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 142.6510, 25.8081, -64.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 170, 195) }
```

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

```
.background{ background-color: rgb(69, 170,  
195) }
```

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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