

Converting Colors

YUV(146.2410, 24.5312,
-28.2754)

Have a look what the booklet for
YUV(146.2410, 24.5312, -28.2754)
contains.

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Color

**YUV(146.2410, 24.5312,
-28.2754)**

Conversions

Conversions Part 1

Format	Color
Hex	7299C4
RGB	114, 153, 196
RGB Percent	45%, 60%, 77%
CMY	0.5529, 0.4000, 0.2314
CMYK	0.42, 0.22, 0.00, 0.23
HSL	211°, 41%, 61%
HSV	211°, 42%, 77%
XYZ	28.2945, 30.3454, 56.5905
YIQ	146.2410, -37.0470, 5.1050

Conversions

Conversions Part 2

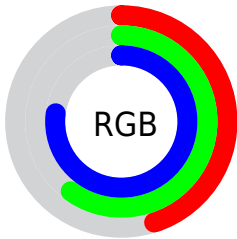
Format	Color
RYB	114, 140, 196
Decimal	7510468
CIELab	61.95, -2.14, -26.40
CIELCh	62, 26.490, 265.364
Yxy	30.3454, 0.2455, 0.2633
Android (android.graphics.Color)	4285700548 (0xFF7299C4)
YUV	146.2410, 24.5312, -28.2754
Hunter-Lab	55.0867, -4.7177, -22.3480

Details

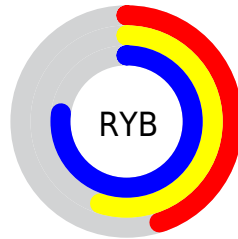
The YUV color **146.2410, 24.5312, -28.2754** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **163.7590, -24.5312, 28.2754**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8820, 25.6942, -27.9605**, and **94.0020, 23.6630, -29.8198** is the 20% darker color. If you saturate the color by 10%, you get **134.3910, 30.3732, -35.4229**, and if you desaturate by 10%, it is **158.0910, 18.6891, -21.1278**.

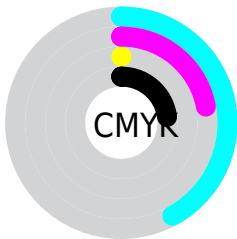
Distribution



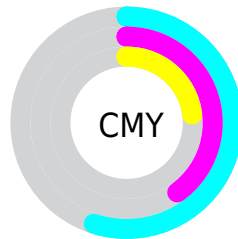
- Red (45%)
- Green (60%)
- Blue (77%)



- Red (45%)
- Yellow (55%)
- Blue (77%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)



- Cyan (55%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2410, 24.5312, -28.2754 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 146.2410, 24.5312, -28.2754 by changing the saturation by 10% instead.

■ 146.2410, 24.5312,
-28.2754

■ 146.2410, 24.5312,
-28.2754

■ 255.0000, 0.0000,
0.0000

■ 119.8280, 24.2418,
-28.7902

■ 200.8820, 25.6942,
-27.9605

■ 94.0020, 23.6630,
-29.8198

■ 225.9180, 14.3374,
-25.3611

■ 68.5780, 23.3790,
-32.0789

■ 246.3290, 4.2748,
-17.8285

■ 43.3600, 23.9795,
-38.0267

■ 27.7100, 19.8630,
-24.3017

■ 12.2880, 16.6200,
-10.7766

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 146.2410, 24.5312,
-28.2754

■ 146.2410, 24.5312,
-28.2754

■ 134.3910, 30.3732,
-35.4229

■ 158.0910, 18.6891,
-21.1278

■ 122.2530, 36.3573,
-41.4409

■ 170.2290, 12.7051,
-15.1098

■ 110.4030, 42.1993,
-48.5884

■ 182.0790, 6.8631,
-7.9623

■ 98.8520, 47.8940,
-55.1212

■ 193.6300, 1.1684,
-1.4295

■ 87.0020, 53.7360,
-62.2688

■ 205.4800, -4.6736,
5.7180

■ 76.9350, 58.6990,
-67.4720

■ 217.9170,
-10.8051, 12.3508

■ 229.4680,
-16.4997, 18.8836

■ 236.5340,
-19.9833, 16.1947

■ 242.9910,
-23.1666, 10.5319

Harmonies

Analogous

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



139.8810, 23.7227, -49.0076



146.2410, 24.5312, -28.2754



151.2550, 20.0873, -2.8546

Triad

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



146.2410, 24.5312, -28.2754



151.9080, -10.3076, 39.5457



143.1100, -10.4072, -22.0215

Complementary

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



146.2410, 24.5312, -28.2754



163.7590, -24.5312, 28.2754

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.



145.9510, -19.2028, -0.8340



146.2410, 24.5312, -28.2754



150.5730, -19.0165, 32.8235

Square

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



146.2410, 24.5312, -28.2754



153.3340, 0.3283, 34.7871



148.8610, -22.6095, 18.5389



139.1320, 2.8929, -41.3348

Rectangle

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



146.2410, 24.5312, -28.2754



153.2740, 14.6549, 12.9147



148.8610, -22.6095, 18.5389



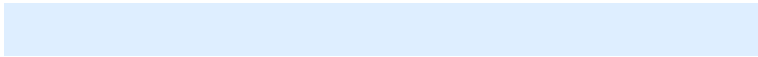
144.2420, -13.9233, -14.2442

Sweetspot

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



146.2410, 24.5312, -28.2754



235.1540, 9.7841, -11.5361



166.9220, -5.3845, -46.4126



115.2640, 6.2788, -7.2475



0.0000, 0.0000, 0.0000



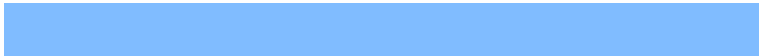
128.0000, 0.0000, 0.0000

Same Dimension

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



146.2410, 24.5312, -28.2754



177.6980, 38.1099, -43.5851



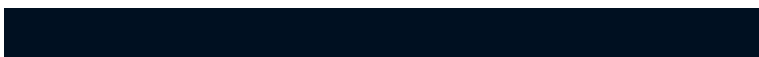
123.6470, 35.6700, -7.5834



91.0750, 2.9210, -3.5738



62.9660, 48.3308, -55.2212



13.1540, 9.7841, -11.5361

Inverse Universe

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



142.9640, 4.9477, 46.5126



172.8130, 7.4872, 72.0780



186.3530, -35.6700, 7.5834



90.5600, 0.7099, 5.6479



56.8030, 9.4641, 91.3808



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 146.2410, 24.5312, -28.2754 looks on a white background.

Color Contrast Check

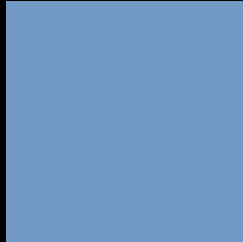
Large Text (above 18pt) WCAG AA × Fail

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 146.2410, 24.5312, -28.2754 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

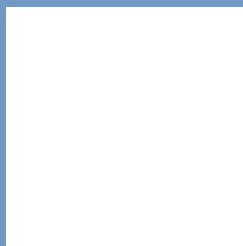
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 146.2410, 24.5312, -28.2754

Background



This preview shows how black text looks on a background with the YUV color 146.2410, 24.5312, -28.2754.

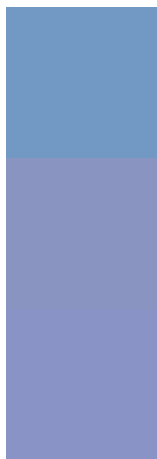


This preview shows how white text looks on a background with the YUV color 146.2410, 24.5312, -28.2754.

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

146.2410, 24.5312, -28.2754

Protanopia

150.0260, 20.6932, -10.5468

Deuteranopia

149.7100, 23.3140, -11.1467



Tritanopia

144.1190, 12.7593, -32.5534

Trichromacy



Original Color

146.2410, 24.5312, -28.2754

Protanomaly

148.6230, 21.8779, -17.2094

Deuteranomaly

148.4920, 23.9144, -17.0945

Tritanomaly

144.8680, 16.8271, -30.5792

Monochromacy



Original Color

146.2410, 24.5312, -28.2754

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.2250, 8.7631, -10.7213

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2410, 24.5312, -28.2754 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(114, 153, 196)` looks like.

```
.text, #text, p{  
    color:rgb(114, 153, 196)  
}
```

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(114, 153, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 153, 196) }
```

Border

The CSS property to change the border of an element to YUV 146.2410, 24.5312, -28.2754 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(114, 153, 196) }
```


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

```
.border{ border-color:rgb(114, 153, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 153, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 153, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 153, 196);  
box-shadow:4px 4px 4px 4px rgb(114, 153,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 146.2410, 24.5312, -28.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 153, 196) }
```

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

```
.background{ background-color: rgb(114,  
153, 196) }
```

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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