

Converting Colors

YUV(144.4080, 41.2109,
-58.2398)

Have a look what the booklet for
YUV(144.4080, 41.2109, -58.2398)
contains.

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Color

**YUV(144.4080, 41.2109,
-58.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	4EA2E4
RGB	78, 162, 228
RGB Percent	31%, 64%, 89%
CMY	0.6941, 0.3647, 0.1059
CMYK	0.66, 0.29, 0.00, 0.11
HSL	206°, 74%, 60%
HSV	206°, 66%, 89%
XYZ	30.0658, 33.0618, 78.1957
YIQ	144.4080, -71.2500, 2.7180

Conversions

Conversions Part 2

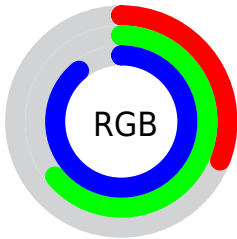
Format	Color
R _Y B	78, 132, 228
Decimal	5153508
CIE Lab	64.21, -5.06, -40.81
CIE LCh	64, 41.121, 262.938
Yxy	33.0618, 0.2127, 0.2339
Android (android.graphics.Color)	4283343588 (0xFF4EA2E4)
YUV	144.4080, 41.2109, -58.2398
Hunter-Lab	57.4994, -7.2882, -40.3813

Details

The YUV color **144.4080, 41.2109, -58.2398** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **161.5920, -41.2109, 58.2398**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6080, 27.8013, -50.5222**, and **84.7650, 43.0069, -74.3389** is the 20% darker color. If you saturate the color by 10%, you get **131.6610, 47.4951, -67.2317**, and if you desaturate by 10%, it is **157.1550, 34.9266, -49.2479**.

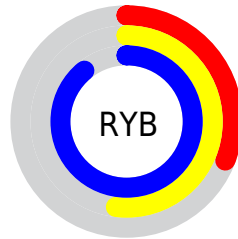
Distribution



Red (31%)

Green (64%)

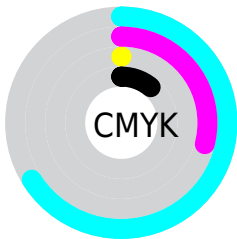
Blue (89%)



Red (31%)

Yellow (52%)

Blue (89%)

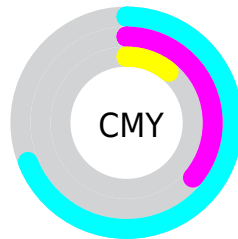


Cyan (66%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.4080, 41.2109, -58.2398 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 144.4080, 41.2109, -58.2398 by changing the saturation by 10% instead.

■ 144.4080, 41.2109,
-58.2398

■ 144.4080, 41.2109,
-58.2398

255.0000, 0.0000,
0.0000

■ 114.2930, 42.2536,
-66.0320

■ 198.6080, 27.8013,
-50.5222

■ 84.7650, 43.0069,
-74.3389

■ 224.0140, 15.2761,
-46.4933

■ 67.5990, 38.1587,
-59.2843

■ 238.8540, 7.9600,
-33.1980

■ 51.1340, 33.4579,
-44.8445

■ 247.8240, 3.5378,
-14.7546

■ 35.3700, 28.9046,
-31.0195

■ 20.8940, 24.2093,
-18.3240

■ 7.7060, 19.3719,

-6.7582

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 144.4080, 41.2109,
-58.2398

■ 144.4080, 41.2109,
-58.2398

■ 131.6610, 47.4951,
-67.2317

■ 157.1550, 34.9266,
-49.2479

■ 118.9140, 53.7794,
-76.2236

■ 169.9020, 28.6423,
-40.2561

■ 106.4660, 59.9163,
-84.6007

■ 182.3500, 22.5055,
-31.8789

■ 101.1280, 62.5479,
-88.6893

■ 195.0970, 16.2212,
-22.8871

■ 207.8440, 9.9369,
-13.8952

■ 220.5910, 3.6526,
-4.9033

■ 233.3380, -2.6316,
4.0886

■ 244.2910, -8.0315,
9.3918

■ 250.1610,
-10.9254, 4.2438

Harmonies

Analogous

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



124.6590, 43.5521, -109.3259



144.4080, 41.2109, -58.2398



156.5390, 32.7653, -9.2427

Triad

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



144.4080, 41.2109, -58.2398



157.4160, -14.0091, 60.1482



144.3230, -16.9212, -32.7323

Complementary

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



144.4080, 41.2109, -58.2398



161.5920, -41.2109, 58.2398

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.



149.7480, -31.4278, 0.2210



144.4080, 41.2109, -58.2398



155.2780, -28.2381, 50.6222

Square

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



144.4080, 41.2109, -58.2398



159.2530, 3.3263, 53.2751



153.5990, -35.2983, 28.4157



133.0200, 5.9061, -74.5625

Rectangle

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



144.4080, 41.2109, -58.2398



159.9400, 24.6796, 17.5926



153.5990, -35.2983, 28.4157



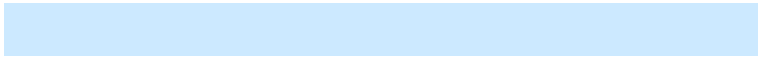
146.4940, -22.9215, -21.4812

Sweetspot

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



144.4080, 41.2109, -58.2398



226.8370, 13.8844, -20.0280



173.4600, -15.0168, -83.7184



110.5130, 8.6211, -11.8509



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.



144.4080, 41.2109, -58.2398



142.6580, 55.3846, -77.7531



100.9700, 62.6258, -20.1447



108.4770, 3.2158, -4.8033



79.1060, 49.2477, -69.3760



22.8370, 13.8844, -20.0280

Inverse Universe

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



132.4260, 14.5800, 83.8184



126.8670, 19.2926, 112.3726



205.0300, -62.6258, 20.1447



107.3860, 1.2887, 6.6775



64.9210, 17.2939, 100.0473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 144.4080, 41.2109, -58.2398 looks on a white background.

Color Contrast Check

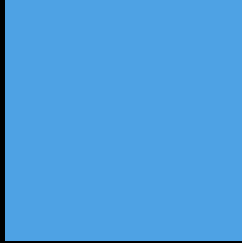
Large Text (above 18pt) WCAG AA × Fail

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 144.4080, 41.2109, -58.2398 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

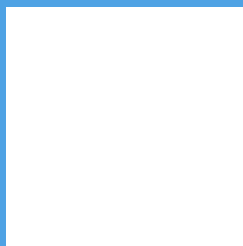
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 144.4080, 41.2109, -58.2398

Background



This preview shows how black text looks on a background with the YUV color 144.4080, 41.2109, -58.2398.



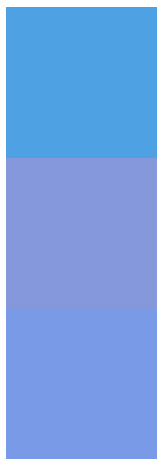
This preview shows how white text looks on a background with the YUV color 144.4080, 41.2109, -58.2398.

-58.2398.

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

144.4080, 41.2109, -58.2398

Protanopia

154.0710, 32.5030, -18.4793

Deuteranopia

152.7970, 38.0611, -27.8860



Tritanopia

136.6130, 23.3618, -73.3286

Trichromacy



Original Color

144.4080, 41.2109, -58.2398

Protanomaly

150.7810, 35.6040, -33.1339

Deuteranomaly

149.6600, 39.1146, -39.1668

Tritanomaly

139.3670, 29.8921, -67.8509

Monochromacy



Original Color

144.4080, 41.2109, -58.2398

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.4670, 15.0528, -21.4576

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.4080, 41.2109, -58.2398 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(78, 162, 228)` looks like.

```
.text, #text, p{  
    color:rgb(78, 162, 228)  
}
```

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(78, 162, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 162, 228) }
```

Border

The CSS property to change the border of an element to YUV 144.4080, 41.2109, -58.2398 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(78, 162, 228) }
```


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

```
.border{ border-color:rgb(78, 162, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 162, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 162, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 162, 228);  
box-shadow:4px 4px 4px 4px rgb(78, 162,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 144.4080, 41.2109, -58.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 162, 228) }
```

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

```
.background{ background-color: rgb(78, 162,  
228) }
```

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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