

Converting Colors

YUV(125.6820, 28.7508,
-75.1431)

Have a look what the booklet for
YUV(125.6820, 28.7508, -75.1431)
contains.

YUV(125.6820, 28.7508, -75.1431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(125.6820, 28.7508,
-75.1431)**

Conversions

Conversions Part 1

Format	Color
Hex	289EB8
RGB	40, 158, 184
RGB Percent	16%, 62%, 72%
CMY	0.8431, 0.3804, 0.2784
CMYK	0.78, 0.14, 0.00, 0.28
HSL	191°, 64%, 44%
HSV	191°, 78%, 72%
XYZ	21.7537, 28.3655, 49.6760
YIQ	125.6820, -78.6740, -16.9300

Conversions

Conversions Part 2

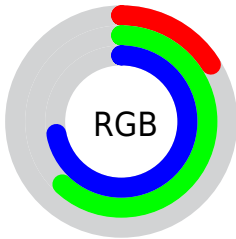
Format	Color
R_{YB}	40, 105, 184
Decimal	2662072
CIE _{Lab}	60.22, -22.68, -22.56
CIE _{LCh}	60, 31.987, 224.845
Yxy	28.3655, 0.2180, 0.2842
Android (android.graphics.Color)	4280852152 (0xFF289EB8)
YUV	125.6820, 28.7508, -75.1431
Hunter-Lab	53.2593, -20.2958, -18.0194

Details

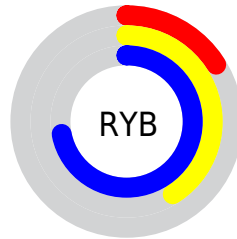
The YUV color **125.6820, 28.7508, -75.1431** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **98.3180, -28.7508, 75.1431**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9820, 27.1239, -66.6362**, and **77.1560, 26.5451, -67.6658** is the 20% darker color. If you saturate the color by 10%, you get **118.5390, 32.2723, -84.6647**, and if you desaturate by 10%, it is **132.8250, 25.2293, -65.6215**.

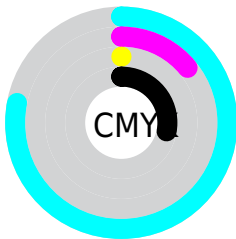
Distribution



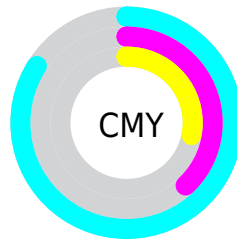
- Red (16%)
- Green (62%)
- Blue (72%)



- Red (16%)
- Yellow (41%)
- Blue (72%)



- Cyan (78%)
- Magenta (14%)
- Yellow (0%)
- Black (28%)



- Cyan (84%)
- Magenta (38%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.6820, 28.7508, -75.1431 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 125.6820, 28.7508, -75.1431 by changing the saturation by 10% instead.

■ 125.6820, 28.7508,
-75.1431

■ 125.6820, 28.7508,
-75.1431

■ 255.0000, 0.0000,
0.0000

■ 95.3820, 30.3777,
-83.6500

■ 184.9820, 27.1239,
-66.6362

■ 77.1560, 26.5451,
-67.6658

■ 212.0980, 21.1507,
-64.1069

■ 60.2180, 22.5705,
-52.8112

■ 229.2860, 12.6770,
-52.8708

■ 43.8670, 18.3066,
-38.4714

■ 238.2560, 8.2548,
-34.4275

■ 28.3310, 14.6268,
-24.8463

■ 247.2260, 3.8326,
-15.9842

■ 6.5660, 15.0040,
-5.7584

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 125.6820, 28.7508,
-75.1431

■ 125.6820, 28.7508,
-75.1431

■ 118.5390, 32.2723,
-84.6647

■ 132.8250, 25.2293,
-65.6215

■ 110.5100, 36.2306,
-94.2863

■ 140.8540, 21.2710,
-56.0000

■ 109.6130, 36.6728,
-96.1306

■ 147.9970, 17.7495,
-46.4784

■ 155.4390, 14.0806,
-36.3420

■ 163.1690, 10.2697,
-27.3352

■ 170.3120, 6.7482,
-17.8136

■ 177.7540, 3.0793,
-7.6773

■ 185.4840, -0.7316,
1.3295

■ 192.9260, -4.4005,
11.4659

Harmonies

Analogous

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



126.0990, 16.2202, -69.3698



125.6820, 28.7508, -75.1431



136.1290, 30.9954, -48.3481

Triad

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



125.6820, 28.7508, -75.1431



148.8380, 5.9959, 36.9761



141.9860, -25.6291, 7.0283

Complementary

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



125.6820, 28.7508, -75.1431



98.3180, -28.7508, 75.1431

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.



144.3030, -26.2784, 28.6753



125.6820, 28.7508, -75.1431



147.9350, -7.8560, 46.5380

Square

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



125.6820, 28.7508, -75.1431



148.7950, 17.8491, 15.0888



146.2260, -19.3384, 42.7748



138.1230, -16.8226, -17.6479

Rectangle

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



125.6820, 28.7508, -75.1431



142.4030, 28.8883, -25.7864



146.2260, -19.3384, 42.7748



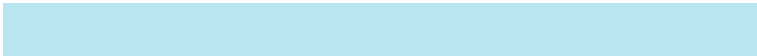
142.9870, -27.1086, 14.9204

Sweetspot

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



125.6820, 28.7508, -75.1431



217.6850, 11.0013, -28.6647



127.2640, -31.1892, -76.5305



106.3120, 6.7482, -17.8136



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



125.6820, 28.7508, -75.1431



148.3590, 45.1790, -117.8328



84.5920, 49.0081, -39.1072



88.1350, 1.9054, -4.5034



92.3330, 31.3878, -80.9760



16.6930, 5.5744, -14.6398

Inverse Universe

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



96.5080, 30.3156, 76.7305



102.6640, 47.4936, 120.4437



139.4080, -49.0081, 39.1072



86.4890, 1.7309, 4.8331



61.1220, 32.4779, 83.2080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 125.6820, 28.7508, -75.1431 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 125.6820, 28.7508, -75.1431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

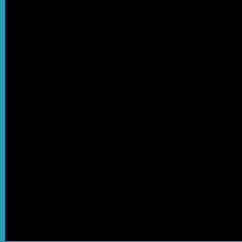
Any Text WCAG AA ✓ Pass

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 125.6820, 28.7508, -75.1431 Background



This preview shows how black text looks on a background with the YUV color 125.6820, 28.7508, -75.1431.



This preview shows how white text looks on a background with the YUV color 125.6820, 28.7508, -75.1431.

-75.1431.

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

125.6820, 28.7508, -75.1431

Protanopia

144.9250, 13.8410, -6.0732

Deuteranopia

145.1510, 21.1246, -8.9024



Tritanopia

122.0140, 25.1361, -82.4503

Trichromacy



Original Color

125.6820, 28.7508, -75.1431

Protanomaly

137.5520, 19.4479, -31.1791

Deuteranomaly

138.0940, 24.1107, -33.4084

Tritanomaly

123.0790, 26.5831, -79.8763

Monochromacy



Original Color

125.6820, 28.7508, -75.1431

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1690, 10.2697, -27.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.6820, 28.7508, -75.1431 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(40, 158, 184)` looks like.

```
.text, #text, p{  
    color:rgb(40, 158, 184)  
}
```

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(40, 158, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 158, 184) }
```

Border

The CSS property to change the border of an element to YUV 125.6820, 28.7508, -75.1431 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(40, 158, 184) }
```


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

```
.border{ border-color:rgb(40, 158, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 158, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 158, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 158, 184);  
box-shadow:4px 4px 4px 4px rgb(40, 158,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 125.6820, 28.7508, -75.1431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 158, 184) }
```

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

```
.background{ background-color: rgb(40, 158,  
184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor