

Converting Colors

YUV(61.0560, -21.2266,
88.5279)

Have a look what the booklet for
YUV(61.0560, -21.2266, 88.5279)
contains.

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Color

**YUV(61.0560, -21.2266,
88.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	A21212
RGB	162, 18, 18
RGB Percent	64%, 7%, 7%
CMY	0.3647, 0.9294, 0.9294
CMYK	0.00, 0.89, 0.89, 0.36
HSL	0°, 80%, 35%
HSV	0°, 89%, 64%
XYZ	15.2258, 8.1577, 1.3444
YIQ	61.0560, 85.8240, 30.5280

Conversions

Conversions Part 2

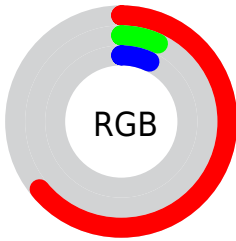
Format	Color
R_{YB}	162, 18, 18
Decimal	10621458
CIE Lab	34.31, 54.70, 40.51
CIE LCh	34, 68.070, 36.526
Yxy	8.1577, 0.6157, 0.3299
Android (android.graphics.Color)	4288811538 (0xFFA21212)
YUV	61.0560, -21.2266, 88.5279
Hunter-Lab	28.5616, 45.1728, 17.2024

Details

The YUV color **61.0560, -21.2266, 88.5279** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **118.9440, 21.2266, -88.5279**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0040, -29.0890, 90.3275**, and **30.1990, -14.8881, 62.0925** is the 20% darker color. If you saturate the color by 10%, you get **49.8400, -23.5851, 98.3643**, and if you desaturate by 10%, it is **72.2720, -18.8681, 78.6915**.

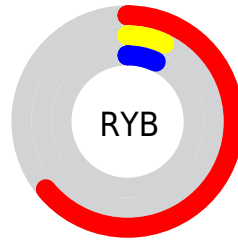
Distribution



Red (64%)

Green (7%)

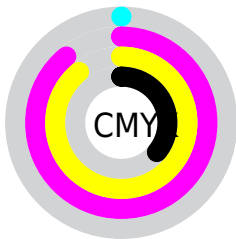
Blue (7%)



Red (64%)

Yellow (7%)

Blue (7%)

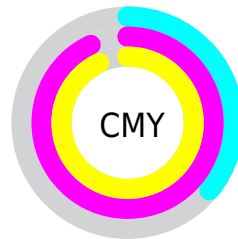


Cyan (0%)

Magenta (89%)

Yellow (89%)

Black (36%)



Cyan (36%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.0560, -21.2266, 88.5279 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 61.0560, -21.2266, 88.5279 by changing the saturation by 10% instead.

61.0560, -21.2266,
88.5279

61.0560, -21.2266,
88.5279

254.2020, -3.0576,
0.6998

39.1690, -19.3103,
80.5358

122.0040,
-29.0890, 90.3275

30.1990, -14.8881,
62.0925

150.1460,
-31.1310, 91.9570

21.3430, -10.0291,
43.5492

169.4320,
-28.3140, 75.0431

12.9710, -5.9017,
26.3354

188.7180,
-25.4970, 58.1293

0.0000, 0.0000,
0.0000

208.2320,
-21.8064, 41.0155

228.3330,

-18.4052, 23.3870

■ 249.1350,
-14.8566, 5.1436

■ 61.0560, -21.2266,
88.5279

■ 61.0560, -21.2266,
88.5279

■ 49.8400, -23.5851,
98.3643

■ 72.2720, -18.8681,
78.6915

■ 48.4380, -23.8799,
99.5939

■ 83.4880, -16.5096,
68.8550

■ 95.4050, -14.0037,
58.4038

■ 106.6210,
-11.6452, 48.5674

■ 117.8370, -9.2866,
38.7310

■ 129.0530, -6.9281,
28.8945

■ 140.2690, -4.5696,
19.0581

■ 152.1860, -2.0637,
8.6069

■ 163.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



59.3370, 6.2429, 97.9285



61.0560, -21.2266, 88.5279



75.2750, -37.1106, 49.7478

Triad

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



61.0560, -21.2266, 88.5279



62.4620, -14.5248, -54.7792



71.5550, 58.3934, -62.7537

Complementary

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



61.0560, -21.2266, 88.5279



118.9440, 21.2266, -88.5279

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.



78.1600, 50.7001, -68.5463



61.0560, -21.2266, 88.5279



70.3620, 10.6675, -61.7075

Square

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



61.0560, -21.2266, 88.5279



61.7560, -30.4457, -34.8660



76.4040, 33.8178, -67.0063



80.8090, 43.4782, 8.0605

Rectangle

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



61.0560, -21.2266, 88.5279



76.5940, -37.7608, 24.9121



76.4040, 33.8178, -67.0063



74.6040, 57.3832, -65.4277

Sweetspot

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



61.0560, -21.2266, 88.5279



172.0430, -8.4022, 35.0423



77.4720, 41.6723, 74.1311



83.1660, -5.0118, 20.9024



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



61.0560, -21.2266, 88.5279



63.3880, -31.2503, 130.3327



103.3200, -42.0628, 51.4624



75.6910, -1.3267, 5.5330



43.3550, -21.3740, 89.1427



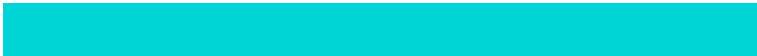
5.3820, -2.6533, 11.0660

Inverse Universe

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



118.9440, 21.2266, -88.5279



148.6120, 31.2503, -130.3327



76.6800, 42.0628, -51.4624



79.3090, 1.3267, -5.5330



101.6450, 21.3740, -89.1427



12.6180, 2.6533, -11.0660

Previews

White Background



This preview shows how the YUV color 61.0560, -21.2266, 88.5279 looks on a white 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

Black 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

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

YUV 61.0560, -21.2266, 88.5279

Background



This preview shows how black text looks on a background with the YUV color 61.0560, -21.2266, 88.5279.



This preview shows how white text looks on a background with the YUV color 61.0560, -21.2266,

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

61.0560, -21.2266, 88.5279

Protanopia

79.8770, -23.6034, 10.6319

Deuteranopia

77.4690, -38.1922, 23.2677



Tritanopia

61.1870, -23.2632, 88.4130

Trichromacy



Original Color

61.0560, -21.2266, 88.5279

Protanomaly

72.6940, -22.5271, 38.8564

Deuteranomaly

71.6320, -31.8636, 46.8037

Tritanomaly

61.3010, -22.8264, 88.3130

Monochromacy



Original Color

61.0560, -21.2266, 88.5279

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.8470, -7.8126, 32.5832

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.0560, -21.2266, 88.5279 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(162, 18, 18)` looks like.

```
.text, #text, p{  
    color:rgb(162, 18, 18)  
}
```

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(162, 18, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 18, 18) }
```

Border

The CSS property to change the border of an element to YUV 61.0560, -21.2266, 88.5279 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(162, 18, 18) }
```


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

```
.border{ border-color:rgb(162, 18, 18) }
```

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

Here you see how a box with a 4 pixel rgb(162, 18, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 18, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 18, 18);  
box-shadow:4px 4px 4px 4px rgb(162, 18,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 61.0560, -21.2266, 88.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 18, 18) }
```

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

```
.background{ background-color: rgb(162, 18,  
18) }
```

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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