

Converting Colors

YUV(65.7620, -18.6167,
91.4167)

Have a look what the booklet for
YUV(65.7620, -18.6167, 91.4167)
contains.

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Color

**YUV(65.7620, -18.6167,
91.4167)**

Conversions

Conversions Part 1

Format	Color
Hex	AA141C
RGB	170, 20, 28
RGB Percent	67%, 8%, 11%
CMY	0.3333, 0.9216, 0.8902
CMYK	0.00, 0.88, 0.84, 0.33
HSL	357°, 79%, 37%
HSV	357°, 88%, 67%
XYZ	17.0373, 9.1302, 1.9629
YIQ	65.7620, 86.8320, 34.2880

Conversions

Conversions Part 2

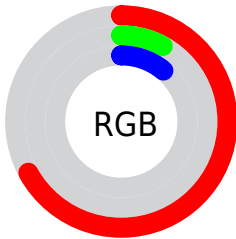
Format	Color
R _Y B	170, 20, 28
Decimal	11146268
CIE Lab	36.23, 56.77, 37.62
CIE LCh	36, 68.104, 33.527
Yxy	9.1302, 0.6057, 0.3246
Android (android.graphics.Color)	4289336348 (0xFFAA141C)
YUV	65.7620, -18.6167, 91.4167
Hunter-Lab	30.2162, 47.7683, 17.2997

Details

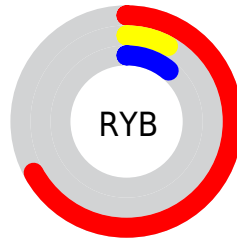
The YUV color **65.7620, -18.6167, 91.4167** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **124.2380, 18.6167, -91.4167**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2970, -26.7684, 92.7015**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **53.9590, -20.6858, 101.7680**, and if you desaturate by 10%, it is **77.5650, -16.5475, 81.0655**.

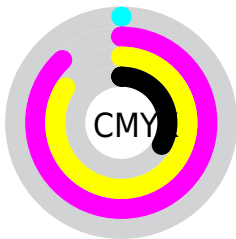
Distribution



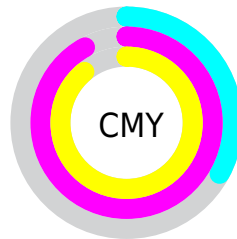
- Red (67%)
- Green (8%)
- Blue (11%)



- Red (67%)
- Yellow (8%)
- Blue (11%)



- Cyan (0%)
- Magenta (88%)
- Yellow (84%)
- Black (33%)



- Cyan (33%)
- Magenta (92%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7620, -18.6167, 91.4167 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 65.7620, -18.6167, 91.4167 by changing the saturation by 10% instead.

■ 65.7620, -18.6167,
91.4167

■ 65.7620, -18.6167,
91.4167

255.0000, 0.0000,
0.0000

■ 42.1310, -18.3056,
84.9541

■ 127.2970,
-26.7684, 92.7015

■ 32.5910, -16.0674,
67.0107

■ 153.0470,
-27.6312, 89.4128

■ 23.3220, -11.4977,
47.9526

■ 172.3330,
-24.8142, 72.4990

■ 15.1780, -6.4968,
30.5389


■ 191.7330,
-21.5604, 55.4852


■ 0.0000, 0.0000,
0.0000


■ 211.8340,
-18.1592, 37.8566


■ 231.9350,


-14.7580, 20.2280


 252.1500,
-10.9200, 2.4994


 65.7620, -18.6167,
91.4167


 65.7620, -18.6167,
91.4167


 53.9590, -20.6858,
101.7680

 77.5650, -16.5475,
81.0655

 51.8560, -21.1280,
103.6123

 89.3680, -14.4784,
70.7143

 101.1710,
-12.4093, 60.3630

 112.9740,
-10.3402, 50.0118

 124.7770, -8.2711,
39.6606

■ 136.6940, -5.7651,
29.2094

■ 148.4970, -3.6960,
18.8581

■ 160.3000, -1.6269,
8.5069

■ 172.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



62.1570, 9.2896, 100.7173



65.7620, -18.6167, 91.4167



78.8520, -38.8740, 55.3808

Triad

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



65.7620, -18.6167, 91.4167



65.1690, -16.8453, -57.1532



75.7610, 59.2778, -66.4424

Complementary

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



65.7620, -18.6167, 91.4167



124.2380, 18.6167, -91.4167

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.



81.4370, 50.5636, -71.4202



65.7620, -18.6167, 91.4167



73.1830, 8.7838, -64.1815

Square

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



65.7620, -18.6167, 91.4167



69.1870, -34.1092, -26.4740



79.3390, 32.3709, -69.5803



85.0360, 45.8313, -0.0316

Rectangle

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



65.7620, -18.6167, 91.4167



80.7580, -39.8137, 30.0302



79.3390, 32.3709, -69.5803



78.6960, 57.8309, -69.0164

Sweetspot

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



65.7620, -18.6167, 91.4167



181.6840, -7.2392, 35.3571



78.9600, 44.8827, 71.0721



87.6930, -4.2856, 21.3172



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



65.7620, -18.6167, 91.4167



67.7460, -27.4828, 135.2808



103.0050, -40.9215, 58.7546



78.3920, -1.1793, 4.9182



45.1640, -18.3219, 90.1872



6.0940, -2.5113, 12.1956

Inverse Universe

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



65.7620, -18.6167, 91.4167



67.7460, -27.4828, 135.2808



86.9950, 40.9215, -58.7546



78.3920, -1.1793, 4.9182



45.1640, -18.3219, 90.1872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 65.7620, -18.6167, 91.4167 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 65.7620, -18.6167, 91.4167

Background



This preview shows how black text looks on a background with the YUV color 65.7620, -18.6167, 91.4167.



This preview shows how white text looks on a background with the YUV color 65.7620, -18.6167,

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

65.7620, -18.6167, 91.4167

Protanopia

84.7890, -20.1090, 9.8320

Deuteranopia

82.6370, -36.3030, 23.9974



Tritanopia

65.7960, -23.5634, 91.3869

Trichromacy



Original Color

65.7620, -18.6167, 91.4167

Protanomaly

78.0900, -19.7644, 39.3861

Deuteranomaly

76.5120, -29.8324, 48.6630

Tritanomaly

65.6650, -21.5268, 91.5018

Monochromacy



Original Color

65.7620, -18.6167, 91.4167

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7870, -6.7970, 33.5128

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7620, -18.6167, 91.4167 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(170, 20, 28)` looks like.

```
.text, #text, p{  
    color:rgb(170, 20, 28)  
}
```

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(170, 20, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 20, 28) }
```

Border

The CSS property to change the border of an element to YUV 65.7620, -18.6167, 91.4167 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(170, 20, 28) }
```


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

```
.border{ border-color:rgb(170, 20, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 20, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 20, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 20, 28);  
box-shadow:4px 4px 4px 4px rgb(170, 20,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 65.7620, -18.6167, 91.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 20, 28) }
```

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

```
.background{ background-color: rgb(170, 20,  
28) }
```

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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