

Converting Colors

YUV(114.0020, 6.9010,
-20.1728)

Have a look what the booklet for
YUV(114.0020, 6.9010, -20.1728)
contains.

YUV(114.0020, 6.9010, -20.1728)	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(114.0020, 6.9010,
-20.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7B80
RGB	91, 123, 128
RGB Percent	36%, 48%, 50%
CMY	0.6431, 0.5176, 0.4980
CMYK	0.29, 0.04, 0.00, 0.50
HSL	188°, 17%, 43%
HSV	188°, 29%, 50%
XYZ	15.2936, 17.9486, 23.0804
YIQ	114.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

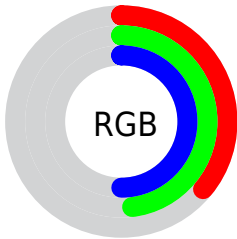
Format	Color
R_{YB}	91, 108, 128
Decimal	5995392
CIE _{Lab}	49.43, -10.09, -6.43
CIE _{LCh}	49, 11.965, 212.524
Yxy	17.9486, 0.2715, 0.3187
Android (android.graphics.Color)	4284185472 (0xFF5B7B80)
YUV	114.0020, 6.9010, -20.1728
Hunter-Lab	42.3658, -9.7033, -2.6446

Details

The YUV color **114.0020, 6.9010, -20.1728** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **104.9980, -6.9010, 20.1728**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8170, 7.4852, -20.8875**, and **65.3010, 6.7536, -19.5580** is the 20% darker color. If you saturate the color by 10%, you get **108.9410, 9.3961, -27.1353**, and if you desaturate by 10%, it is **119.0630, 4.4059, -13.2103**.

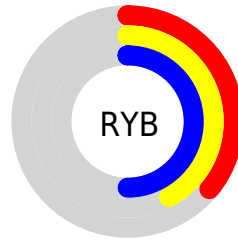
Distribution



Red (36%)

Green (48%)

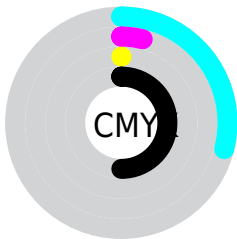
Blue (50%)



Red (36%)

Yellow (42%)

Blue (50%)

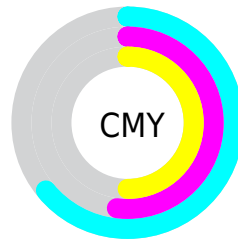


Cyan (29%)

Magenta (4%)

Yellow (0%)

Black (50%)



Cyan (64%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0020, 6.9010, -20.1728 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 114.0020, 6.9010, -20.1728 by changing the saturation by 10% instead.

■ 114.0020, 6.9010,
-20.1728

■ 114.0020, 6.9010,
-20.1728

■ 255.0000, 0.0000,
0.0000

■ 89.3010, 6.7536,
-19.5580

■ 165.8170, 7.4852,
-20.8875

■ 65.3010, 6.7536,
-19.5580

■ 193.4040, 7.1958,
-21.4023

■ 42.8880, 6.4642,
-20.0728

■ 221.5180, 7.6326,
-21.5023

■ 21.6000, 6.6062,
-18.9432

■ 246.0300, 4.4222,
-18.4433

■ 2.0690, 5.3890,
-1.8145

■ 254.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 114.0020, 6.9010,
-20.1728

■ 114.0020, 6.9010,
-20.1728

■ 108.9410, 9.3961,
-27.1353

■ 119.0630, 4.4059,
-13.2103

■ 104.4670, 11.6018,
-34.6126

■ 123.5370, 2.2003,
-5.7329

■ 99.7050, 13.9494,
-40.9603

■ 128.2990, -0.1474,
0.6148

■ 94.6440, 16.4445,
-47.9228

■ 133.3600, -2.6425,
7.5773

■ 89.5830, 18.9396,
-54.8853

■ 138.4210, -5.1376,
14.5398

■ 85.1090, 21.1453,
-62.3626

■ 142.8950, -7.3432,
22.0171

■ 80.0480, 23.6403,
-69.3251


■ 147.9560, -9.8383,
28.9796

■ 79.7490, 23.7877,

■ 152.7180,

-69.9399

-12.1860, 35.3273

 157.7790,
-14.6810, 42.2898

Harmonies

Analogous

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



113.7590, 2.0908, -17.3286



114.0020, 6.9010, -20.1728



115.1210, 9.8003, -16.7691

Triad

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



114.0020, 6.9010, -20.1728



119.6900, 3.6038, 10.7959



117.1120, -9.9152, 6.9178

Complementary

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



114.0020, 6.9010, -20.1728



104.9980, -6.9010, 20.1728

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.



118.3840, -9.0633, 13.6952



114.0020, 6.9010, -20.1728



119.7570, -1.3592, 15.9991

Square

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



114.0020, 6.9010, -20.1728



119.0740, 7.8515, 1.6891



118.9160, -5.8746, 17.6137



115.6270, -7.7041, -2.3039

Rectangle

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



114.0020, 6.9010, -20.1728



116.2680, 10.2209, -11.6360



118.9160, -5.8746, 17.6137



117.5360, -9.6312, 9.1769

Sweetspot

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



114.0020, 6.9010, -20.1728



160.3410, 2.7899, -8.1921



113.2890, -8.5235, -19.5475



80.7220, 1.6161, -5.0182



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



114.0020, 6.9010, -20.1728



143.9620, 10.8647, -31.5387



103.4360, 12.1101, -10.9064



61.3200, 1.3212, -3.7886



79.1620, 24.0771, -69.4251



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.7110, 8.5235, 19.5475



131.0420, 13.2903, 30.6582



115.5640, -12.1101, 10.9064



59.7770, 1.5889, 3.7036



50.8120, 29.1797, 67.6939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.0020, 6.9010, -20.1728 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 × Fail

Black Background



This preview shows how the YUV color 114.0020, 6.9010, -20.1728 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

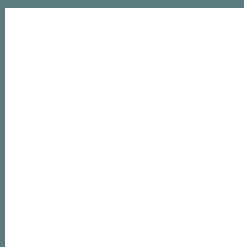
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.0020, 6.9010, -20.1728

Background



This preview shows how black text looks on a background with the YUV color 114.0020, 6.9010, -20.1728.



This preview shows how white text looks on a background with the YUV color 114.0020, 6.9010,

-20.1728.

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

114.0020, 6.9010, -20.1728

Protanopia

117.2110, 3.3470, -0.1850

Deuteranopia

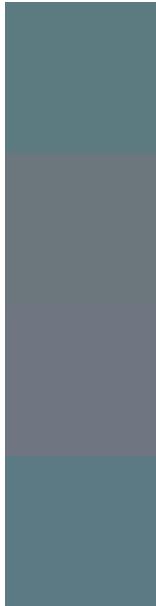
118.5150, 5.6621, 3.9333



Tritanopia

114.1700, 8.7902, -19.4431

Trichromacy



Original Color

114.0020, 6.9010, -20.1728

Protanomaly

116.3950, 4.2423, -7.3624

Deuteranomaly

116.5740, 6.1260, -4.8884

Tritanomaly

114.0560, 8.3534, -19.3431

Monochromacy



Original Color

114.0020, 6.9010, -20.1728

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0020, 6.9010, -20.1728 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(91, 123, 128)` looks like.

```
.text, #text, p{  
    color:rgb(91, 123, 128)  
}
```

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(91, 123, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 123, 128) }
```

Border

The CSS property to change the border of an element to YUV 114.0020, 6.9010, -20.1728 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(91, 123, 128) }
```


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

```
.border{ border-color:rgb(91, 123, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 123, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 123, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 123, 128);  
box-shadow:4px 4px 4px 4px rgb(91, 123,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 114.0020, 6.9010, -20.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 123, 128) }
```

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

```
.background{ background-color: rgb(91, 123,  
128) }
```

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