

Converting Colors

YUV(145.2360, 5.3067,
-22.1320)

Have a look what the booklet for
YUV(145.2360, 5.3067, -22.1320)
contains.

YUV(145.2360, 5.3067, -22.1320)	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(145.2360, 5.3067,
-22.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	789C9C
RGB	120, 156, 156
RGB Percent	47%, 61%, 61%
CMY	0.5294, 0.3882, 0.3882
CMYK	0.23, 0.00, 0.00, 0.39
HSL	180°, 15%, 54%
HSV	180°, 23%, 61%
XYZ	25.6349, 30.1703, 35.9248
YIQ	145.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

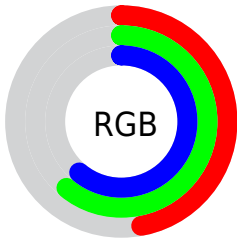
Format	Color
RYB	120, 138, 156
Decimal	7904412
CIELab	61.80, -12.30, -4.06
CIElCh	62, 12.953, 198.270
Yxy	30.1703, 0.2795, 0.3289
Android (android.graphics.Color)	4286094492 (0xFF789C9C)
YUV	145.2360, 5.3067, -22.1320
Hunter-Lab	54.9275, -12.8163, -0.3288

Details

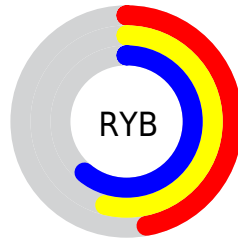
The YUV color **145.2360, 5.3067, -22.1320** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **130.7640, -5.3067, 22.1320**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5240, 5.1647, -23.2615**, and **94.5350, 5.1592, -21.5172** is the 20% darker color. If you saturate the color by 10%, you get **140.4520, 7.6652, -31.9684**, and if you desaturate by 10%, it is **150.0200, 2.9481, -12.2955**.

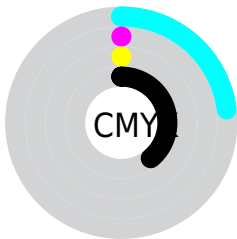
Distribution



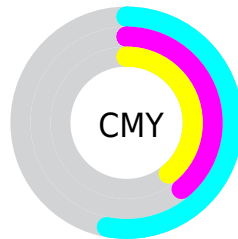
- Red (47%)
- Green (61%)
- Blue (61%)



- Red (47%)
- Yellow (54%)
- Blue (61%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.2360, 5.3067, -22.1320 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 145.2360, 5.3067, -22.1320 by changing the saturation by 10% instead.

■ 145.2360, 5.3067,
-22.1320

■ 145.2360, 5.3067,
-22.1320

■ 255.0000, 0.0000,
0.0000

■ 119.5350, 5.1592,
-21.5172

■ 199.5240, 5.1647,
-23.2615

■ 94.5350, 5.1592,
-21.5172

■ 227.6380, 5.6015,
-23.3615

■ 70.5350, 5.1592,
-21.5172

■ 247.2260, 3.8326,
-15.9842

■ 46.9480, 5.4486,
-21.0024

■ 25.2360, 5.3067,
-22.1320

■ 9.3410, 2.7899,
-8.1921

■ 0.0000, 0.0000,

0.0000

■ 145.2360, 5.3067,
-22.1320

■ 145.2360, 5.3067,
-22.1320

■ 140.4520, 7.6652,
-31.9684

■ 150.0200, 2.9481,
-12.2955

■ 135.9670, 9.8763,
-41.1901

■ 154.5050, 0.7370,
-3.0739

■ 131.1830, 12.2348,
-51.0265

■ 159.2890, -1.6215,
6.7625

■ 126.6980, 14.4459,
-60.2481

■ 163.7740, -3.8326,
15.9842

■ 121.9140, 16.8044,
-70.0846

■ 168.5580, -6.1911,
25.8206

■ 117.1300, 19.1629,
-79.9210

■ 173.3420, -8.5496,
35.6571

■ 112.6450, 21.3740,
-89.1427

■ 177.8270,
-10.7607, 44.8787

■ 109.3560, 22.9955,
-95.9052

■ 182.6110,
-13.1192, 54.7152

■ 185.6010,
-14.5933, 60.8629

Harmonies

Analogous

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



145.6620, -0.8194, -17.2436



145.2360, 5.3067, -22.1320



146.3870, 9.6692, -21.3874

Triad

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



145.2360, 5.3067, -22.1320



151.1780, 6.8142, 7.7369



149.5040, -11.0945, 11.8360

Complementary

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



145.2360, 5.3067, -22.1320



130.7640, -5.3067, 22.1320

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.



150.8190, -8.7848, 17.6987



145.2360, 5.3067, -22.1320



151.7400, 1.1142, 16.0140

Square

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



145.2360, 5.3067, -22.1320



150.0240, 10.3412, -3.5290



151.6820, -4.2802, 19.5729



148.3780, -10.0464, 2.2995

Rectangle

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



145.2360, 5.3067, -22.1320



147.4630, 11.1107, -17.0691



151.6820, -4.2802, 19.5729



149.9280, -10.8105, 14.0951

Sweetspot

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



145.2360, 5.3067, -22.1320



199.8140, 2.0637, -8.6069



141.1320, -10.4181, -18.5328



99.6080, 1.1793, -4.9182



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



145.2360, 5.3067, -22.1320



186.9570, 8.4022, -35.0423



134.6700, 10.5157, -12.8656



76.6080, 1.1793, -4.9182



100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Inverse Universe

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



134.8680, 10.4181, 18.5328



170.5410, 16.4953, 29.3435



141.3300, -10.5157, 12.8656



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 145.2360, 5.3067, -22.1320 looks on a white background.

Color Contrast Check

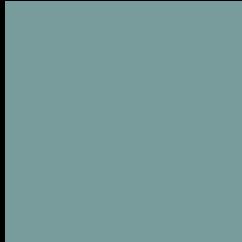
Large Text (above 18pt) WCAG AA × Fail

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 145.2360, 5.3067, -22.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

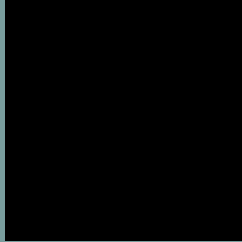
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.2360, 5.3067, -22.1320

Background



This preview shows how black text looks on a background with the YUV color 145.2360, 5.3067, -22.1320.



This preview shows how white text looks on a background with the YUV color 145.2360, 5.3067,

-22.1320.

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

145.2360, 5.3067, -22.1320

Protanopia

149.2390, 0.8682, 1.5444

Deuteranopia

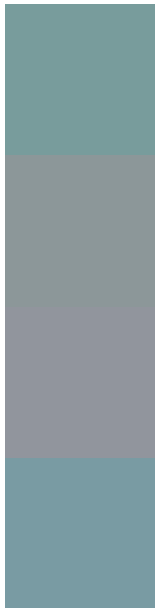
150.6680, 3.6147, 7.3072



Tritanopia

145.9140, 10.3954, -20.9726

Trichromacy



Original Color

145.2360, 5.3067, -22.1320

Protanomaly

147.9390, 2.4951, -6.9625

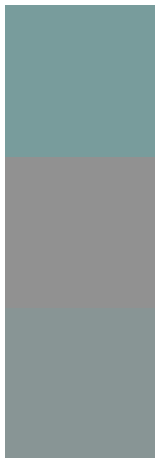
Deuteranomaly

148.7160, 4.0840, -3.2589

Tritanomaly

145.7460, 8.5062, -21.7022

Monochromacy



Original Color

145.2360, 5.3067, -22.1320

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.1130, 1.9163, -7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.2360, 5.3067, -22.1320 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(120, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(120, 156, 156)  
}
```

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(120, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 156, 156) }
```

Border

The CSS property to change the border of an element to YUV 145.2360, 5.3067, -22.1320 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(120, 156, 156) }
```


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

```
.border{ border-color:rgb(120, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(120, 156,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 145.2360, 5.3067, -22.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 156, 156) }
```

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

```
.background{ background-color: rgb(120,  
156, 156) }
```

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