

Converting Colors

YUV(78.1760, 6.3222, -21.2024)

Have a look what the booklet for
YUV(78.1760, 6.3222, -21.2024)
contains.

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Color

**YUV(78.1760, 6.3222,
-21.2024)**

Conversions

Conversions Part 1

Format	Color
Hex	36585B
RGB	54, 88, 91
RGB Percent	21%, 35%, 36%
CMY	0.7882, 0.6549, 0.6431
CMYK	0.41, 0.03, 0.00, 0.64
HSL	185°, 26%, 28%
HSV	185°, 41%, 36%
XYZ	6.8994, 8.5190, 11.1782
YIQ	78.1760, -21.2270, -6.2750

Conversions

Conversions Part 2

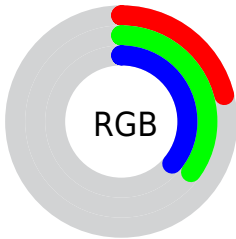
Format	Color
RYB	54, 72, 91
Decimal	3561563
CIELab	35.04, -11.43, -5.65
CIELCh	35, 12.750, 206.286
Yxy	8.5190, 0.2594, 0.3203
Android (android.graphics.Color)	4281751643 (0xFF36585B)
YUV	78.1760, 6.3222, -21.2024
Hunter-Lab	29.1874, -8.8838, -2.2758

Details

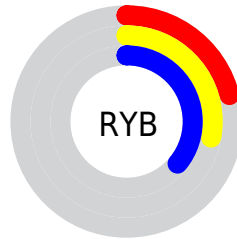
The YUV color **78.1760, 6.3222, -21.2024** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.8240, -6.3222, 21.2024**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8770, 6.4696, -21.8171**, and **31.2790, 6.7645, -23.0467** is the 20% darker color. If you saturate the color by 10%, you get **74.8980, 7.9383, -26.2205**, and if you desaturate by 10%, it is **81.4540, 4.7062, -16.1842**.

Distribution



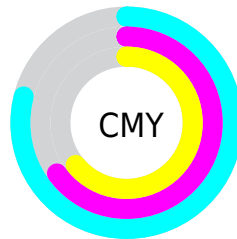
- Red (21%)
- Green (35%)
- Blue (36%)



- Red (21%)
- Yellow (28%)
- Blue (36%)



- Cyan (41%)
- Magenta (3%)
- Yellow (0%)
- Black (64%)



- Cyan (79%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1760, 6.3222, -21.2024 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 78.1760, 6.3222, -21.2024 by changing the saturation by 10% instead.

■ 78.1760, 6.3222,
-21.2024

■ 78.1760, 6.3222,
-21.2024

■ 255.0000, 0.0000,
0.0000

■ 54.8770, 6.4696,
-21.8171

■ 127.8770, 6.4696,
-21.8171

■ 31.2790, 6.7645,
-23.0467

■ 153.8770, 6.4696,
-21.8171

■ 16.3510, 4.2640,
-14.3398

■ 180.6920, 7.0538,
-22.5319

■ 0.0000, 0.0000,
0.0000

■ 208.3930, 7.2013,
-23.1467

■ 236.9800, 6.9119,
-23.6615

■ 250.2160, 2.3585,

-9.8364

■ 78.1760, 6.3222,
-21.2024

■ 78.1760, 6.3222,
-21.2024

■ 74.8980, 7.9383,
-26.2205

■ 81.4540, 4.7062,
-16.1842

■ 72.2070, 9.2649,
-31.7535

■ 84.1450, 3.3795,
-10.6512

■ 68.9290, 10.8810,
-36.7717

■ 87.4230, 1.7635,
-5.6330

■ 65.6510, 12.4971,
-41.7899

■ 90.7010, 0.1474,
-0.6148

■ 62.3730, 14.1131,
-46.8081

■ 94.2780, -1.6161,
5.0182

■ 59.6820, 15.4398,
-52.3411

■ 96.9690, -2.9427,
10.5512

■ 100.2470, -4.5588,
15.5694

■ 103.5250, -6.1748,
20.5876

■ 106.8030, -7.7909,
25.6058

Harmonies

Analogous

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



78.5310, 1.2172, -17.1287



78.1760, 6.3222, -21.2024



79.1100, 9.8058, -18.5135

Triad

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



78.1760, 6.3222, -21.2024



84.0210, 4.9196, 8.7516



81.8240, -9.7732, 8.0474

Complementary

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



78.1760, 6.3222, -21.2024



66.8240, -6.3222, 21.2024

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.



83.2100, -8.4845, 14.7248



78.1760, 6.3222, -21.2024



84.0990, -0.0488, 15.6992

Square

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



78.1760, 6.3222, -21.2024



83.2910, 8.7305, -0.2552



83.8450, -4.8536, 16.7989



81.4100, -8.5831, -0.3596

Rectangle

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



78.1760, 6.3222, -21.2024



80.9580, 10.3737, -13.9952



83.8450, -4.8536, 16.7989



82.2480, -9.4893, 10.3065

Sweetspot

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



78.1760, 6.3222, -21.2024



112.2270, 2.3531, -8.0921



75.9470, -9.8339, -19.2475



55.7220, 1.6161, -5.0182



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



78.1760, 6.3222, -21.2024



97.6090, 9.5598, -32.9831



67.6100, 11.5313, -11.9360



44.5050, 0.7370, -3.0739



71.8270, 18.8193, -62.9923



154.9840, 40.4339, -135.9210

Inverse Universe

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



68.9390, 9.3971, 19.3475



83.0850, 14.7481, 29.7435



77.3900, -11.5313, 11.9360



43.0650, 1.4470, 2.5740



44.4040, 27.9018, 57.5277



95.7150, 60.2865, 123.9069

Previews

White Background



This preview shows how the YUV color 78.1760, 6.3222, -21.2024 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



This preview shows how the YUV color 78.1760, 6.3222, -21.2024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

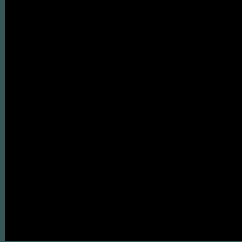
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1760, 6.3222, -21.2024

Background



This preview shows how black text looks on a background with the YUV color 78.1760, 6.3222, -21.2024.



This preview shows how white text looks on a background with the YUV color 78.1760, 6.3222, -21.2024.

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

78.1760, 6.3222, -21.2024

Protanopia

82.5700, 2.1840, -0.4999

Deuteranopia

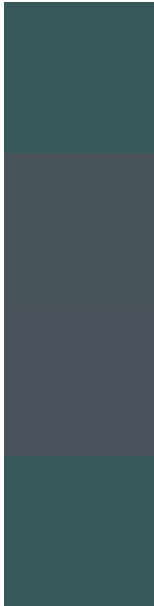
82.9770, 4.9413, 1.7742



Tritanopia

78.2300, 7.7746, -20.3727

Trichromacy



Original Color

78.1760, 6.3222, -21.2024

Protanomaly

80.8680, 3.5161, -7.7772

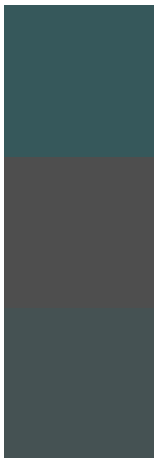
Deuteranomaly

81.3350, 5.2578, -6.4328

Tritanomaly

78.1160, 7.3378, -20.2727

Monochromacy



Original Color

78.1760, 6.3222, -21.2024

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2270, 2.3531, -8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1760, 6.3222, -21.2024 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(54, 88, 91)` looks like.

```
.text, #text, p{  
    color:rgb(54, 88, 91)  
}
```

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(54, 88, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 88, 91) }
```

Border

The CSS property to change the border of an element to YUV 78.1760, 6.3222, -21.2024 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(54, 88, 91) }
```


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

```
.border{ border-color:rgb(54, 88, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 88, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 88, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 88, 91);  
box-shadow:4px 4px 4px 4px rgb(54, 88, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.1760, 6.3222, -21.2024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 88, 91) }
```

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

```
.background{ background-color: rgb(54, 88,  
91) }
```

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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