

Converting Colors

YUV(83.7720, 12.4374,
-22.6020)

Have a look what the booklet for
YUV(83.7720, 12.4374, -22.6020)
contains.

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Color

**YUV(83.7720, 12.4374,
-22.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5C6D
RGB	58, 92, 109
RGB Percent	23%, 36%, 43%
CMY	0.7725, 0.6392, 0.5725
CMYK	0.47, 0.16, 0.00, 0.57
HSL	200°, 31%, 33%
HSV	200°, 47%, 43%
XYZ	8.3324, 9.6580, 15.8930
YIQ	83.7720, -25.7210, -1.9210

Conversions

Conversions Part 2

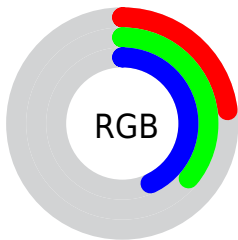
Format	Color
RYB	58, 78, 109
Decimal	3824749
CIELab	37.22, -7.29, -13.54
CIELCh	37, 15.379, 241.719
Yxy	9.6580, 0.2459, 0.2850
Android (android.graphics.Color)	4282014829 (0xFF3A5C6D)
YUV	83.7720, 12.4374, -22.6020
Hunter-Lab	31.0773, -6.5261, -8.5670

Details

The YUV color **83.7720, 12.4374, -22.6020** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83.2280, -12.4374, 22.6020**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0000, 13.3110, -22.8020**, and **35.4510, 12.5957, -26.7055** is the 20% darker color. If you saturate the color by 10%, you get **78.1350, 15.2164, -27.3054**, and if you desaturate by 10%, it is **89.4090, 9.6584, -17.8987**.

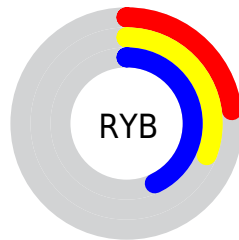
Distribution



Red (23%)

Green (36%)

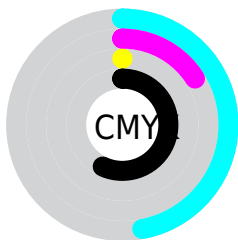
Blue (43%)



Red (23%)

Yellow (31%)

Blue (43%)

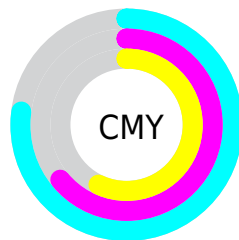


Cyan (47%)

Magenta (16%)

Yellow (0%)

Black (57%)



Cyan (77%)

Magenta (64%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.7720, 12.4374, -22.6020 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 83.7720, 12.4374, -22.6020 by changing the saturation by 10% instead.

■ 83.7720, 12.4374,
-22.6020

■ 83.7720, 12.4374,
-22.6020

■ 255.0000, 0.0000,
0.0000

■ 59.4730, 12.5848,
-23.2168

■ 134.0000, 13.3110,
-22.8020

■ 35.4510, 12.5957,
-26.7055

■ 160.7010, 13.4584,
-23.4168

■ 19.8220, 9.9478,
-17.3839

■ 187.7010, 13.4584,
-23.4168

■ 2.7530, 8.0098,
-2.4144

■ 215.5160, 14.0426,
-24.1315

■ 0.0000, 0.0000,
0.0000

■ 241.8770, 6.4696,
-21.8171

■ 252.0100, 1.4741,

-6.1478

■ 83.7720, 12.4374,
-22.6020

■ 83.7720, 12.4374,
-22.6020

■ 78.1350, 15.2164,
-27.3054

■ 89.4090, 9.6584,
-17.8987

■ 73.0850, 17.7061,
-32.5235

■ 94.4590, 7.1687,
-12.6805

■ 67.4480, 20.4851,
-37.2269

■ 100.0960, 4.3897,
-7.9772

■ 61.8110, 23.2642,
-41.9302

■ 105.7330, 1.6106,
-3.2738

■ 57.0600, 25.6064,
-46.5336

■ 110.7830, -0.8790,
1.9443

■ 55.2770, 26.4854,
-48.4779

■ 116.1210, -3.5107,
6.0329

■ 121.1710, -6.0003,
11.2510

■ 126.8080, -8.7793,
15.9544

■ 132.4450,
-11.5584, 20.6577

Harmonies

Analogous

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



81.8270, 8.9593, -27.0353



83.7720, 12.4374, -22.6020



86.2510, 12.6943, -11.6211

Triad

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



83.7720, 12.4374, -22.6020



89.7790, -1.3700, 19.4878



85.7580, -9.7407, -2.4188

Complementary

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



83.7720, 12.4374, -22.6020



83.2280, -12.4374, 22.6020

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.



86.9550, -11.8098, 7.9325



83.7720, 12.4374, -22.6020



88.9980, -6.9010, 20.1728

Square

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



83.7720, 12.4374, -22.6020



89.4560, 5.1982, 12.7551



88.2380, -10.9633, 16.4543



83.4730, -4.1772, -13.5698

Rectangle

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



83.7720, 12.4374, -22.6020



88.4370, 10.6306, -3.0142



88.2380, -10.9633, 16.4543



86.1390, -10.9145, 0.7551

Sweetspot

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



83.7720, 12.4374, -22.6020



132.9110, 4.9739, -8.6919



89.8750, -7.3334, -27.9544



65.0640, 2.9264, -5.3181



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



83.7720, 12.4374, -22.6020



103.2310, 19.6061, -35.2826



69.0970, 19.6722, -9.7321



51.0320, 1.4632, -2.6591



59.1240, 28.5329, -51.8517



123.6110, 59.8448, -108.4068

Inverse Universe

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



77.1250, 7.3334, 27.9544



92.9620, 11.3577, 43.8833



98.4900, -19.9616, 9.2173



50.2500, 0.8628, 3.2887



43.8750, 16.8236, 64.1306



91.8370, 35.0834, 134.3240

Previews

White Background



This preview shows how the YUV color 83.7720, 12.4374, -22.6020 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 83.7720, 12.4374, -22.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

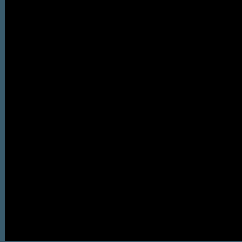
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.7720, 12.4374, -22.6020

Background



This preview shows how black text looks on a background with the YUV color 83.7720, 12.4374, -22.6020.



This preview shows how white text looks on a background with the YUV color 83.7720, 12.4374,

-22.6020.

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

83.7720, 12.4374, -22.6020

Protanopia

87.2690, 8.7414, -3.7439

Deuteranopia

88.1380, 10.7780, -3.6290



Tritanopia

82.8490, 8.9484, -23.5466

Trichromacy



Original Color

83.7720, 12.4374, -22.6020

Protanomaly

85.8660, 9.9261, -10.4065

Deuteranomaly

86.6210, 11.5258, -10.1916

Tritanomaly

83.4900, 10.1114, -23.2317

Monochromacy



Original Color

83.7720, 12.4374, -22.6020

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.7720, 12.4374, -22.6020 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(58, 92, 109)` looks like.

```
.text, #text, p{  
    color:rgb(58, 92, 109)  
}
```

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(58, 92, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 92, 109) }
```

Border

The CSS property to change the border of an element to YUV 83.7720, 12.4374, -22.6020 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(58, 92, 109) }
```


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

```
.border{ border-color:rgb(58, 92, 109) }
```

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

Here you see how a box with a 4 pixel rgb(58, 92, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 92, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 92, 109);  
box-shadow:4px 4px 4px 4px rgb(58, 92,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 83.7720, 12.4374, -22.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 92, 109) }
```

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

```
.background{ background-color: rgb(58, 92,  
109) }
```

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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