

Converting Colors

YUV(88.7720, 12.4374,
-22.6020)

Have a look what the booklet for
YUV(88.7720, 12.4374, -22.6020)
contains.

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Color

**YUV(88.7720, 12.4374,
-22.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6172
RGB	63, 97, 114
RGB Percent	25%, 38%, 45%
CMY	0.7529, 0.6196, 0.5529
CMYK	0.45, 0.15, 0.00, 0.55
HSL	200°, 29%, 35%
HSV	200°, 45%, 45%
XYZ	9.3619, 10.8211, 17.5148
YIQ	88.7720, -25.7210, -1.9210

Conversions

Conversions Part 2

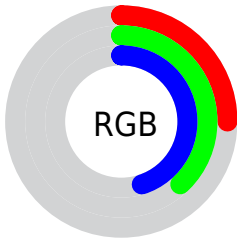
Format	Color
R_{YB}	63, 83, 114
Decimal	4153714
CIE _{Lab}	39.28, -7.35, -13.46
CIE _{LCh}	39, 15.342, 241.359
Yxy	10.8211, 0.2483, 0.2870
Android (android.graphics.Color)	4282343794 (0xFF3F6172)
YUV	88.7720, 12.4374, -22.6020
Hunter-Lab	32.8954, -6.7667, -8.5417

Details

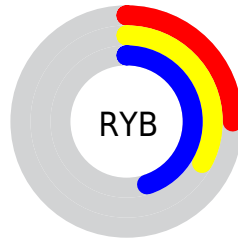
The YUV color **88.7720, 12.4374, -22.6020** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.2280, -12.4374, 22.6020**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5870, 13.0216, -23.3168**, and **41.0490, 12.3008, -25.4760** is the 20% darker color. If you saturate the color by 10%, you get **83.1350, 15.2164, -27.3054**, and if you desaturate by 10%, it is **94.4090, 9.6584, -17.8987**.

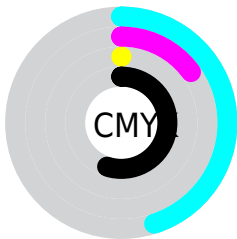
Distribution



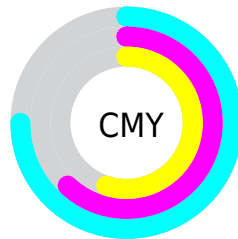
- Red (25%)
- Green (38%)
- Blue (45%)



- Red (25%)
- Yellow (33%)
- Blue (45%)



- Cyan (45%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (75%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7720, 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 88.7720, 12.4374, -22.6020 by changing the saturation by 10% instead.

88.7720, 12.4374,
-22.6020

88.7720, 12.4374,
-22.6020

255.0000, 0.0000,
0.0000

64.3590, 12.1480,
-23.1168

139.5870, 13.0216,
-23.3168

41.0490, 12.3008,
-25.4760

166.0000, 13.3110,
-22.8020

22.6260, 10.5374,
-19.8430

193.4020, 13.6058,
-24.0316

3.3230, 10.1938,
-2.9143

221.4020, 13.6058,
-24.0316

0.0000, 0.0000,
0.0000

245.1330, 4.8644,
-20.2876

253.8040, 0.5896,

-2.4591

■ 88.7720, 12.4374,
-22.6020

■ 88.7720, 12.4374,
-22.6020

■ 83.1350, 15.2164,
-27.3054

■ 94.4090, 9.6584,
-17.8987

■ 77.1990, 18.1429,
-32.6235

■ 100.3450, 6.7319,
-12.5806

■ 72.1490, 20.6325,
-37.8417

■ 105.3950, 4.2423,
-7.3624

■ 66.2130, 23.5590,
-43.1598

■ 111.3310, 1.3158,
-2.0443

■ 60.5760, 26.3380,
-47.8632

■ 116.9680, -1.4632,
2.6591

■ 57.6080, 27.8013,
-50.5222

■ 122.6050, -4.2423,
7.3624

■ 128.5410, -7.1687,
12.6805

■ 133.5910, -9.6584,
17.8987

■ 139.5270,
-12.5848, 23.2168

Harmonies

Analogous

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



86.8270, 8.9593, -27.0353



88.7720, 12.4374, -22.6020



91.2510, 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.



88.7720, 12.4374, -22.6020



94.7790, -1.3700, 19.4878



90.7580, -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.



88.7720, 12.4374, -22.6020



88.2280, -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.



91.9550, -11.8098, 7.9325



88.7720, 12.4374, -22.6020



93.7100, -6.7590, 21.3023

Square

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



88.7720, 12.4374, -22.6020



94.4560, 5.1982, 12.7551



93.2380, -10.9633, 16.4543



88.4730, -4.1772, -13.5698

Rectangle

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



88.7720, 12.4374, -22.6020



93.5510, 11.0674, -3.1142



93.2380, -10.9633, 16.4543



91.1390, -10.9145, 0.7551

Sweetspot

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



88.7720, 12.4374, -22.6020



138.2100, 4.8265, -8.0772



94.8750, -7.3334, -27.9544



68.0640, 2.9264, -5.3181



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



88.7720, 12.4374, -22.6020



108.2310, 19.6061, -35.2826



74.0970, 19.6722, -9.7321



53.0320, 1.4632, -2.6591



60.6400, 29.2645, -53.1813



125.0130, 60.1396, -109.6364

Inverse Universe

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



82.1250, 7.3334, 27.9544



97.9620, 11.3577, 43.8833



103.4900, -19.9616, 9.2173



52.2500, 0.8628, 3.2888



45.0000, 17.2550, 65.7750



92.6630, 35.6621, 135.3535

Previews

White Background



This preview shows how the YUV color 88.7720, 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 × Fail

Black Background



This preview shows how the YUV color 88.7720, 12.4374, -22.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

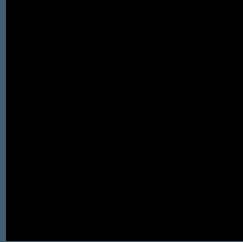
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7720, 12.4374, -22.6020

Background



This preview shows how black text looks on a background with the YUV color 88.7720, 12.4374, -22.6020.



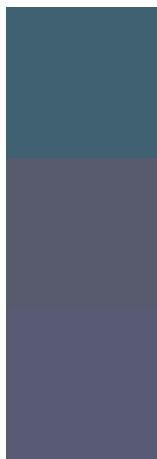
This preview shows how white text looks on a background with the YUV color 88.7720, 12.4374,

-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

88.7720, 12.4374, -22.6020

Protanopia

92.2690, 8.7414, -3.7439

Deuteranopia

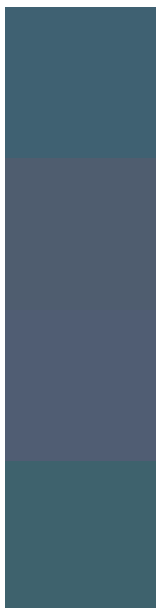
92.5510, 11.0674, -3.1142



Tritanopia

87.8490, 8.9484, -23.5466

Trichromacy



Original Color

88.7720, 12.4374, -22.6020

Protanomaly

90.8660, 9.9261, -10.4065

Deuteranomaly

91.6210, 11.5258, -10.1916

Tritanomaly

88.4900, 10.1114, -23.2317

Monochromacy



Original Color

88.7720, 12.4374, -22.6020

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7720, 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(63, 97, 114)` looks like.

```
.text, #text, p{  
    color:rgb(63, 97, 114)  
}
```

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(63, 97, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 97, 114) }
```

Border

The CSS property to change the border of an element to YUV 88.7720, 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(63, 97, 114) }
```


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

```
.border{ border-color:rgb(63, 97, 114) }
```

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

Here you see how a box with a 4 pixel rgb(63, 97, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 97, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 97, 114);  
box-shadow:4px 4px 4px 4px rgb(63, 97,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 88.7720, 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(63, 97, 114) }
```

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

```
.background{ background-color: rgb(63, 97,  
114) }
```

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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