

Converting Colors

YUV(88.1940, 19.1314,
-22.9721)

Have a look what the booklet for
YUV(88.1940, 19.1314, -22.9721)
contains.

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Color

**YUV(88.1940, 19.1314,
-22.9721)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3E5E7F |
| RGB | 62, 94, 127 |
| RGB Percent | 24%, 37%, 50% |
| CMY | 0.7569, 0.6314, 0.5020 |
| CMYK | 0.51, 0.26, 0.00, 0.50 |
| HSL | 210°, 34%, 37% |
| HSV | 210°, 51%, 50% |
| XYZ | 9.8201, 10.5618, 21.5997 |
| YIQ | 88.1940, -29.6650, 3.4790 |

Conversions

Conversions Part 2

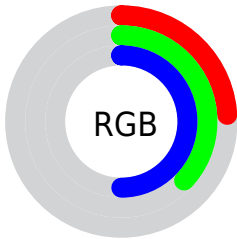
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 62, 83, 127 |
| Decimal | 4087423 |
| CIE _{Lab} | 38.83, -1.73, -22.10 |
| CIE _{LCh} | 39, 22.172, 265.529 |
| Yxy | 10.5618, 0.2339, 0.2516 |
| Android (android.graphics.Color) | 4282277503 (0xFF3E5E7F) |
| YUV | 88.1940, 19.1314, -22.9721 |
| Hunter-Lab | 32.4990, -2.9367, -16.6565 |

Details

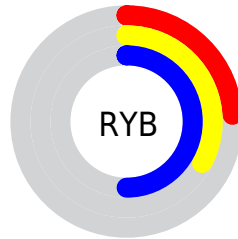
The YUV color **88.1940, 19.1314, -22.9721** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **100.8060, -19.1314, 22.9721**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1340, 20.1469, -22.0425**, and **38.2640, 19.5898, -30.0495** is the 20% darker color. If you saturate the color by 10%, you get **80.7850, 22.7840, -27.8754**, and if you desaturate by 10%, it is **95.6030, 15.4787, -18.0688**.

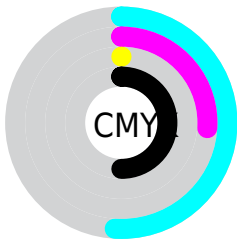
Distribution



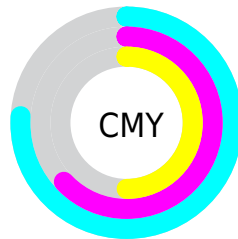
- Red (24%)
- Green (37%)
- Blue (50%)



- Red (24%)
- Yellow (33%)
- Blue (50%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)
- Black (50%)



- Cyan (76%)
- Magenta (63%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1940, 19.1314, -22.9721 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 88.1940, 19.1314, -22.9721 by changing the saturation by 10% instead.

88.1940, 19.1314,
-22.9721

88.1940, 19.1314,
-22.9721

255.0000, 0.0000,
0.0000

63.4820, 18.9894,
-24.1017

139.1340, 20.1469,
-22.0425

38.2640, 19.5898,
-30.0495

165.8350, 20.2943,
-22.6573

22.7060, 15.9209,
-19.9132

193.0630, 21.1679,
-22.8573

4.9360, 13.8356,
-4.3289

220.0370, 17.2368,
-21.9574

0.7980, 3.0576,
-0.6998

245.7310, 4.5696,
-19.0581

0.0000, 0.0000,
0.0000

254.4020, 0.2948,

-1.2296

■ 88.1940, 19.1314,
-22.9721

■ 88.1940, 19.1314,
-22.9721

■ 80.7850, 22.7840,
-27.8754

■ 95.6030, 15.4787,
-18.0688

■ 73.0880, 26.5786,
-31.6492

■ 103.3000, 11.6841,
-14.2951

■ 65.6790, 30.2313,
-36.5525

■ 110.7090, 8.0315,
-9.3918

■ 57.6830, 34.1733,
-40.9410

■ 118.7050, 4.0894,
-5.0033

■ 51.4590, 37.2417,
-45.1295

■ 126.1140, 0.4368,
-0.1000

■ 133.8110, -3.3578,
3.6738

■ 141.2200, -7.0105,
8.5771

■ 149.2160,
-10.9525, 12.9656

■ 156.3260,
-14.4577, 17.2541

Harmonies

Analogous

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



82.0730, 19.1910, -42.1600



88.1940, 19.1314, -22.9721



92.7020, 15.4299, -2.3697

Triad

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



88.1940, 19.1314, -22.9721



93.1240, -7.9491, 29.7093



86.2400, -7.5133, -16.8735

Complementary

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



88.1940, 19.1314, -22.9721



100.8060, -19.1314, 22.9721

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.



88.6890, -15.1297, -0.6043



88.1940, 19.1314, -22.9721



91.6690, -14.6268, 24.8463

Square

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



88.1940, 19.1314, -22.9721



93.6920, 0.6448, 26.5801



90.2070, -17.3571, 13.8505



82.4750, 2.7238, -33.7426

Rectangle

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



88.1940, 19.1314, -22.9721



93.4540, 11.6082, 10.1258



90.2070, -17.3571, 13.8505



87.1760, -10.4398, -11.5554

Sweetspot

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



88.1940, 19.1314, -22.9721



150.8940, 7.4473, -8.6770



103.9170, -4.3961, -36.7612



74.8190, 4.5262, -5.1033



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.



88.1940, 19.1314, -22.9721



105.2770, 29.9364, -35.3229



69.4100, 28.3919, -6.4986



60.1460, 1.9000, -2.7590



51.5730, 37.6785, -45.2295



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.0830, 4.3961, 36.7612



100.7850, 6.5150, 57.1936



119.5900, -28.3919, 6.4986



59.5490, 0.7153, 3.9035



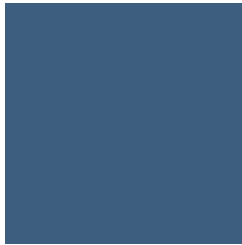
45.4540, 8.6502, 72.3928



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 88.1940, 19.1314, -22.9721 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 88.1940, 19.1314, -22.9721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

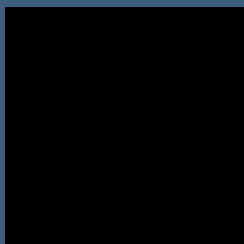
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

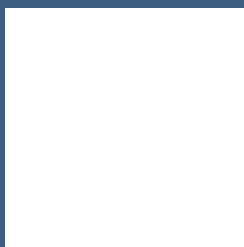
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.1940, 19.1314, -22.9721

Background



This preview shows how black text looks on a background with the YUV color 88.1940, 19.1314, -22.9721.

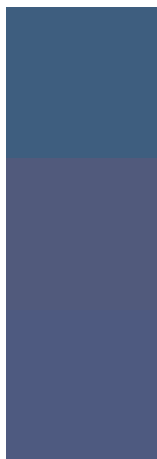


This preview shows how white text looks on a background with the YUV color 88.1940, 19.1314,

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

88.1940, 19.1314, -22.9721

Protanopia

91.1850, 16.1778, -8.9322

Deuteranopia

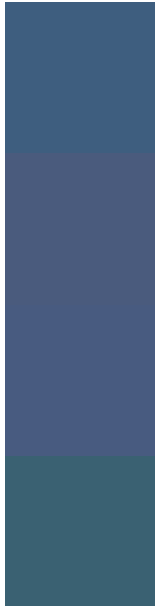
90.7440, 18.3672, -11.1765



Tritanopia

86.0550, 9.8329, -27.2352

Trichromacy



Original Color

88.1940, 19.1314, -22.9721

Protanomaly

89.7930, 17.3571, -13.8505

Deuteranomaly

89.5370, 18.9623, -15.3799

Tritanomaly

87.2770, 13.1744, -25.6759

Monochromacy



Original Color

88.1940, 19.1314, -22.9721

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0790, 6.8631, -7.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1940, 19.1314, -22.9721 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(62, 94, 127)` looks like.

```
.text, #text, p{  
    color:rgb(62, 94, 127)  
}
```

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(62, 94, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 94, 127) }
```

Border

The CSS property to change the border of an element to YUV 88.1940, 19.1314, -22.9721 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(62, 94, 127) }
```


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

```
.border{ border-color:rgb(62, 94, 127) }
```

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

Here you see how a box with a 4 pixel rgb(62, 94, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 94, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 94, 127);  
box-shadow:4px 4px 4px 4px rgb(62, 94,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 88.1940, 19.1314, -22.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 94, 127) }
```

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

```
.background{ background-color: rgb(62, 94,  
127) }
```

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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