

Converting Colors

YUV(114.2480, 20.5837,
-22.1425)

Have a look what the booklet for
YUV(114.2480, 20.5837, -22.1425)
contains.

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Color

**YUV(114.2480, 20.5837,
-22.1425)**

Conversions

Conversions Part 1

Format	Color
Hex	59779C
RGB	89, 119, 156
RGB Percent	35%, 47%, 61%
CMY	0.6510, 0.5333, 0.3882
CMYK	0.43, 0.24, 0.00, 0.39
HSL	213°, 27%, 48%
HSV	213°, 43%, 61%
XYZ	16.7174, 17.7178, 33.9913
YIQ	114.2480, -29.7570, 5.1470

Conversions

Conversions Part 2

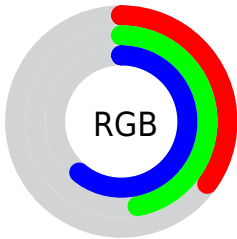
Format	Color
R _Y B	89, 110, 156
Decimal	5863324
CIE Lab	49.15, -0.68, -23.34
CIE LCh	49, 23.354, 268.320
Yxy	17.7178, 0.2443, 0.2589
Android (android.graphics.Color)	4284053404 (0xFF59779C)
YUV	114.2480, 20.5837, -22.1425
Hunter-Lab	42.0925, -2.7691, -18.4141

Details

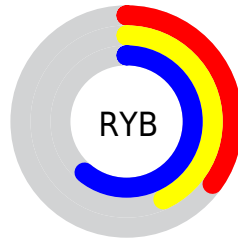
The YUV color **114.2480, 20.5837, -22.1425** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **130.7520, -20.5837, 22.1425**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8890, 21.7467, -21.8277**, and **64.7100, 19.8630, -24.3017** is the 20% darker color. If you saturate the color by 10%, you get **104.1810, 25.5468, -27.3457**, and if you desaturate by 10%, it is **124.3150, 15.6207, -16.9393**.

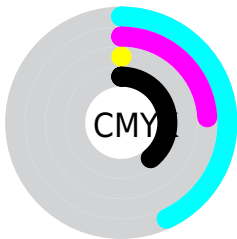
Distribution



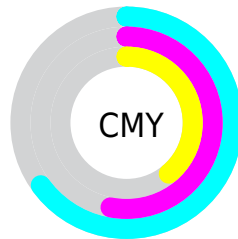
- Red (35%)
- Green (47%)
- Blue (61%)



- Red (35%)
- Yellow (43%)
- Blue (61%)



- Cyan (43%)
- Magenta (24%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2480, 20.5837, -22.1425 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 114.2480, 20.5837, -22.1425 by changing the saturation by 10% instead.

■ 114.2480, 20.5837,
-22.1425

■ 114.2480, 20.5837,
-22.1425

255.0000, 0.0000,
0.0000

■ 88.8350, 20.2943,
-22.6573

■ 166.8890, 21.7467,
-21.8277

■ 64.7100, 19.8630,
-24.3017

■ 194.0030, 22.1835,
-21.9276

■ 39.3780, 20.0266,
-30.1495

■ 220.6350, 16.9419,
-20.7279

■ 22.9340, 16.7945,
-20.1131

■ 246.0300, 4.4222,
-18.4433

■ 5.2780, 15.1459,
-4.6288

254.7010, 0.1474,
-0.6148

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 114.2480, 20.5837,
-22.1425

■ 114.2480, 20.5837,
-22.1425

■ 104.1810, 25.5468,
-27.3457

■ 124.3150, 15.6207,
-16.9393

■ 95.0000, 30.0730,
-32.4490

■ 133.4960, 11.0945,
-11.8360

■ 84.9330, 35.0360,
-37.6522

■ 143.5630, 6.1314,
-6.6328

■ 75.7520, 39.5623,
-42.7555

■ 152.7440, 1.6052,
-1.5295

■ 65.6850, 44.5253,
-47.9587

■ 162.8110, -3.3578,
3.6738

■ 58.8740, 47.8831,
-51.6325

■ 172.8780, -8.3209,
8.8770

■ 182.0590,
-12.8471, 13.9803

■ 192.1260,
-17.8101, 19.1835

■ 201.8940,
-22.6257, 23.7720

Harmonies

Analogous

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



108.4260, 20.4960, -40.7156



114.2480, 20.5837, -22.1425



118.3540, 16.5875, -0.3105

Triad

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



114.2480, 20.5837, -22.1425



118.3910, -9.5598, 32.9831



111.1040, -7.9393, -20.2622

Complementary

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



114.2480, 20.5837, -22.1425



130.7520, -20.5837, 22.1425

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.



113.5640, -15.5611, -2.2486



114.2480, 20.5837, -22.1425



117.2240, -16.3794, 26.9906

Square

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



114.2480, 20.5837, -22.1425



119.4860, -0.2396, 30.2688



115.7510, -19.1042, 14.2504



107.9800, 3.4609, -36.8165

Rectangle

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



114.2480, 20.5837, -22.1425



119.7640, 11.4553, 12.4850



115.7510, -19.1042, 14.2504



111.7520, -10.7237, -13.8145

Sweetspot

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



114.2480, 20.5837, -22.1425



187.1220, 8.3209, -8.8770



132.5470, -3.2277, -38.1907



91.9330, 4.9630, -5.2032



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.



114.2480, 20.5837, -22.1425



137.6730, 32.6992, -34.7932



97.5350, 28.8232, -4.8542



74.2600, 2.3368, -2.8590



53.8700, 43.9411, -47.2440



5.8190, 4.5262, -5.1033

Inverse Universe

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



112.4530, 3.2277, 38.1907



135.0520, 4.9044, 60.4674



147.4650, -28.8232, 4.8542



73.8480, 0.5679, 4.5183



50.0530, 6.8759, 81.5145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 114.2480, 20.5837, -22.1425 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 114.2480, 20.5837, -22.1425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

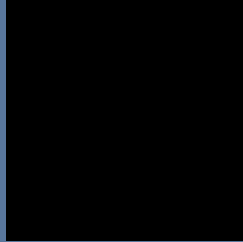
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

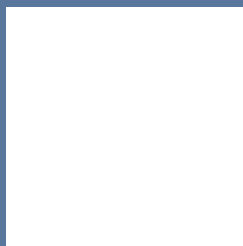
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.2480, 20.5837, -22.1425

Background



This preview shows how black text looks on a background with the YUV color 114.2480, 20.5837, -22.1425.



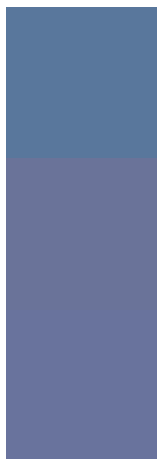
This preview shows how white text looks on a background with the YUV color 114.2480, 20.5837, -22.1425.

-22.1425.

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

114.2480, 20.5837, -22.1425

Protanopia

116.6410, 17.9250, -9.3322

Deuteranopia

116.7980, 19.8196, -10.3468



Tritanopia

112.1800, 10.2643, -25.5909

Trichromacy



Original Color

114.2480, 20.5837, -22.1425

Protanomaly

115.5480, 18.9568, -13.6356

Deuteranomaly

115.5910, 20.4146, -14.5503

Tritanomaly

113.1030, 13.7532, -24.6463

Monochromacy



Original Color

114.2480, 20.5837, -22.1425

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1930, 7.2999, -8.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2480, 20.5837, -22.1425 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(89, 119, 156)` looks like.

```
.text, #text, p{  
    color:rgb(89, 119, 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(89, 119, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 119, 156) }
```

Border

The CSS property to change the border of an element to YUV 114.2480, 20.5837, -22.1425 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(89, 119, 156) }
```


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

```
.border{ border-color:rgb(89, 119, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 119, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 119, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 119, 156);  
box-shadow:4px 4px 4px 4px rgb(89, 119,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 114.2480, 20.5837, -22.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 119, 156) }
```

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

```
.background{ background-color: rgb(89, 119,  
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](#).

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