

Converting Colors

YUV(85.1250, 13.7424,
-21.1576)

Have a look what the booklet for
YUV(85.1250, 13.7424, -21.1576)
contains.

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Color

**YUV(85.1250, 13.7424,
-21.1576)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5C71
RGB	61, 92, 113
RGB Percent	24%, 36%, 44%
CMY	0.7608, 0.6392, 0.5569
CMYK	0.46, 0.19, 0.00, 0.56
HSL	204°, 30%, 34%
HSV	204°, 46%, 44%
XYZ	8.7323, 9.8386, 17.0616
YIQ	85.1250, -25.2170, -0.0410

Conversions

Conversions Part 2

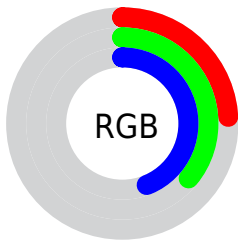
Format	Color
R_{YB}	61, 80, 113
Decimal	4021361
CIE _{Lab}	37.55, -5.21, -15.49
CIE _{LCh}	38, 16.347, 251.413
Yxy	9.8386, 0.2451, 0.2761
Android (android.graphics.Color)	4282211441 (0xFF3D5C71)
YUV	85.1250, 13.7424, -21.1576
Hunter-Lab	31.3666, -5.1984, -10.2936

Details


The YUV color **85.1250, 13.7424, -21.1576** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.8750, -13.7424, 21.1576**, and the grayscale version is **85.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **135.3530, 14.6160, -21.3576**, and **37.1030, 13.7532, -24.6463** is the 20% darker color. If you saturate the color by 10%, you get **78.9010, 16.8108, -25.3462**, and if you desaturate by 10%, it is **91.3490, 10.6739, -16.9691**.

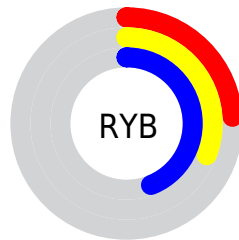
Distribution



 Red (24%)

 Green (36%)

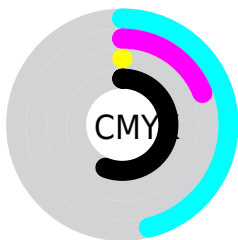
 Blue (44%)





 Red (24%)

 Yellow (31%)

 Blue (44%)

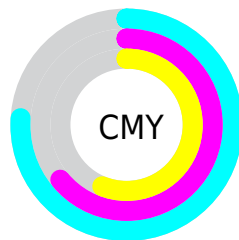


 Cyan (46%)

 Magenta (19%)

 Yellow (0%)

 Black (56%)



 Cyan (76%)

 Magenta (64%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1250, 13.7424, -21.1576 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 85.1250, 13.7424, -21.1576 by changing the saturation by 10% instead.

■ 85.1250, 13.7424,
-21.1576

■ 85.1250, 13.7424,
-21.1576

■ 255.0000, 0.0000,
0.0000

■ 61.2990, 13.1636,
-22.1872

■ 135.3530, 14.6160,
-21.3576

■ 37.1030, 13.7532,
-24.6463

■ 162.0540, 14.7634,
-21.9724

■ 20.1640, 11.2581,
-17.6838

■ 189.1680, 15.2002,
-22.0723

■ 3.2090, 9.7570,
-2.8143

■ 217.1680, 15.2002,
-22.0723

■ 0.0000, 0.0000,
0.0000

■ 242.7740, 6.0274,
-19.9728

■ 253.2060, 0.8844,

-3.6887

■ 85.1250, 13.7424,
-21.1576

■ 85.1250, 13.7424,
-21.1576

■ 78.9010, 16.8108,
-25.3462

■ 91.3490, 10.6739,
-16.9691

■ 72.9650, 19.7373,
-30.6643

■ 97.2850, 7.7475,
-11.6509

■ 66.7410, 22.8057,
-34.8529

■ 103.5090, 4.6791,
-7.4624

■ 61.1040, 25.5847,
-39.5562

■ 109.1460, 1.9000,
-2.7590

■ 54.5810, 28.8006,
-44.3595

■ 115.6690, -1.3158,
2.0443

■ 52.2110, 29.9690,
-45.7890

■ 121.3060, -4.0949,
6.7476

■ 127.5300, -7.1633,
10.9362

■ 133.7540,
-10.2317, 15.1247

■ 139.6900,
-13.1582, 20.4429

Harmonies

Analogous

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



82.6850, 11.0013, -28.6647



85.1250, 13.7424, -21.1576



88.2730, 12.6834, -8.1324

Triad

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



85.1250, 13.7424, -21.1576



90.3340, -3.1227, 21.6321



85.6650, -8.7088, -6.7222

Complementary

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



85.1250, 13.7424, -21.1576



88.8750, -13.7424, 21.1576

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.



87.1180, -12.3832, 5.1585



85.1250, 13.7424, -21.1576



89.5420, -8.6482, 20.5727

Square

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



85.1250, 13.7424, -21.1576



90.6090, 3.1508, 16.1289



88.5860, -12.1209, 14.3951



83.7220, -1.8349, -18.1732

Rectangle

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



85.1250, 13.7424, -21.1576



89.7580, 10.4723, 1.0892



88.5860, -12.1209, 14.3951



86.3450, -10.0301, -2.9336

Sweetspot

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



85.1250, 13.7424, -21.1576



137.0250, 5.4107, -8.7919



93.9180, -5.8756, -28.8691



67.1780, 3.3632, -5.4181



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.



85.1250, 13.7424, -21.1576



104.4100, 21.4899, -32.8086



69.8630, 21.2665, -7.7729



53.0320, 1.4632, -2.6591



55.3570, 31.8690, -48.5481



114.4470, 65.3486, -100.3700

Inverse Universe

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



80.0820, 5.8756, 28.8691



96.6910, 9.0263, 44.9980



104.1370, -21.2665, 7.7729



52.2500, 0.8628, 3.2888



43.9740, 13.3238, 66.6748



90.6110, 27.7998, 137.1532

Previews

White Background



This preview shows how the YUV color 85.1250, 13.7424, -21.1576 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 85.1250, 13.7424, -21.1576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

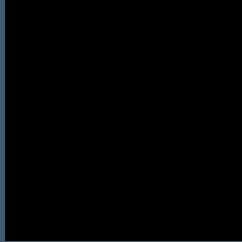
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1250, 13.7424, -21.1576

Background



This preview shows how black text looks on a background with the YUV color 85.1250, 13.7424, -21.1576.



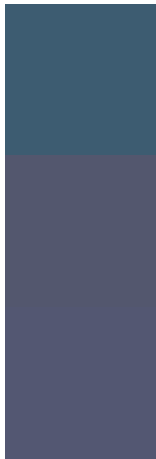
This preview shows how white text looks on a background with the YUV color 85.1250, 13.7424,

-21.1576.

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

85.1250, 13.7424, -21.1576

Protanopia

88.4260, 10.6360, -4.7586

Deuteranopia

88.8820, 12.3832, -5.1585



Tritanopia

84.1480, 8.8010, -22.9318

Trichromacy



Original Color

85.1250, 13.7424, -21.1576

Protanomaly

87.3220, 11.6733, -10.8064

Deuteranomaly

87.6640, 12.9836, -11.1063

Tritanomaly

84.3160, 10.6902, -22.2021

Monochromacy



Original Color

85.1250, 13.7424, -21.1576

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2100, 4.8265, -8.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1250, 13.7424, -21.1576 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(61, 92, 113)` looks like.

```
.text, #text, p{  
    color:rgb(61, 92, 113)  
}
```

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(61, 92, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 92, 113) }
```

Border

The CSS property to change the border of an element to YUV 85.1250, 13.7424, -21.1576 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(61, 92, 113) }
```


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

```
.border{ border-color:rgb(61, 92, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 92, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 92, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 92, 113);  
box-shadow:4px 4px 4px 4px rgb(61, 92,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 85.1250, 13.7424, -21.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 92, 113) }
```

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

```
.background{ background-color: rgb(61, 92,  
113) }
```

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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