

Converting Colors

YUV(40.1260, 12.2629,
-13.2655)

Have a look what the booklet for
YUV(40.1260, 12.2629, -13.2655)
contains.

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Color

**YUV(40.1260, 12.2629,
-13.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	192B41
RGB	25, 43, 65
RGB Percent	10%, 17%, 25%
CMY	0.9020, 0.8314, 0.7451
CMYK	0.62, 0.34, 0.00, 0.75
HSL	213°, 44%, 18%
HSV	213°, 62%, 25%
XYZ	2.2189, 2.3161, 5.3311
YIQ	40.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

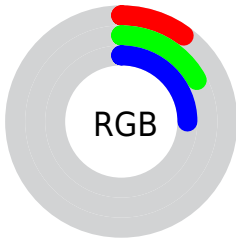
Format	Color
R_{YB}	25, 37, 65
Decimal	1649473
CIE Lab	17.07, 0.38, -16.16
CIE LCh	17, 16.162, 271.339
Yxy	2.3161, 0.2249, 0.2348
Android (android.graphics.Color)	4279839553 (0xFF192B41)
YUV	40.1260, 12.2629, -13.2655
Hunter-Lab	15.2187, -0.6070, -10.1163

Details

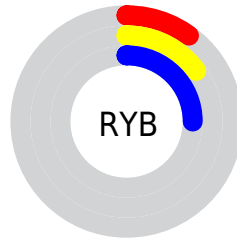
The YUV color **40.1260, 12.2629, -13.2655** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.8740, -12.2629, 13.2655**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.0660, 13.2785, -12.3359**, and **3.0950, 9.3202, -2.7143** is the 20% darker color. If you saturate the color by 10%, you get **35.6850, 14.4523, -15.5097**, and if you desaturate by 10%, it is **44.2680, 10.2209, -11.6360**.

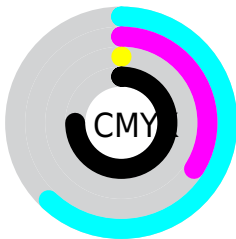
Distribution



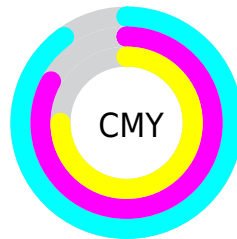
- Red (10%)
- Green (17%)
- Blue (25%)



- Red (10%)
- Yellow (15%)
- Blue (25%)



- Cyan (62%)
- Magenta (34%)
- Yellow (0%)
- Black (75%)



- Cyan (90%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.1260, 12.2629, -13.2655 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 40.1260, 12.2629, -13.2655 by changing the saturation by 10% instead.

■ 40.1260, 12.2629,
-13.2655

■ 40.1260, 12.2629,
-13.2655

■ 255.0000, 0.0000,
0.0000

■ 19.0010, 11.8315,
-14.9099

■ 86.0660, 13.2785,
-12.3359

■ 3.0950, 9.3202,
-2.7143

■ 110.7670, 13.4259,
-12.9507

■ 0.0000, 0.0000,
0.0000

■ 136.2940, 14.1521,
-12.5358

■ 162.4080, 14.5889,
-12.6358

■ 189.5220, 15.0257,
-12.7358

■ 217.2230, 15.1731,

-13.3506

■ 243.7150, 5.5635,
-11.1511

■ 40.1260, 12.2629,
-13.2655

■ 40.1260, 12.2629,
-13.2655

■ 35.6850, 14.4523,
-15.5097

■ 44.2680, 10.2209,
-11.6360

■ 32.1300, 16.2049,
-17.6540

■ 48.1220, 8.3209,
-8.8770

■ 27.6890, 18.3943,
-19.8983

■ 52.5630, 6.1314,
-6.6328

■ 24.4330, 19.9995,
-21.4277

■ 56.1180, 4.3788,
-4.4885

■ 60.2600, 2.3368,
-2.8590

■ 64.1140, 0.4368,
-0.1000

■ 68.2560, -1.6052,
1.5295

■ 72.6970, -3.7946,
3.7737

■ 76.2520, -5.5472,
5.9180

Harmonies

Analogous

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



34.3690, 13.6221, -29.2646



40.1260, 12.2629, -13.2655



43.1170, 9.3093, 0.7744

Triad

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



40.1260, 12.2629, -13.2655



42.6280, -5.7326, 18.7432



38.0000, -3.4510, -13.1550

Complementary

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



40.1260, 12.2629, -13.2655



49.8740, -12.2629, 13.2655

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.



39.9860, -8.8671, -2.6187



40.1260, 12.2629, -13.2655



41.5690, -9.6475, 14.4100

Square

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



40.1260, 12.2629, -13.2655



43.2950, -0.6384, 18.1583



41.4710, -11.0782, 6.6029



34.1600, 3.8651, -26.4503

Rectangle

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



40.1260, 12.2629, -13.2655



43.4770, 6.6668, 8.3517



41.4710, -11.0782, 6.6029



39.0390, -5.9352, -9.6812

Sweetspot

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



40.1260, 12.2629, -13.2655



74.8190, 4.5262, -5.1033



50.9880, -1.9661, -22.7915



37.3740, 2.7736, -2.9590



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



40.1260, 12.2629, -13.2655



45.5040, 18.9785, -20.6130



30.1580, 17.1771, -2.7696



30.9290, 1.0210, -0.8147



36.8860, 29.6362, -32.3490



84.8230, 68.6143, -74.3898

Inverse Universe

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



39.0120, 1.9661, 22.7915



43.7300, 3.0911, 35.3168



59.8420, -17.1771, 2.7696



31.0110, -0.0054, 1.7444



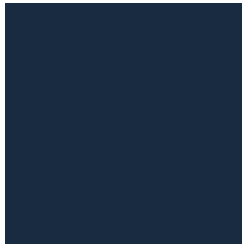
34.0190, 4.9206, 55.2343



78.4900, 11.0974, 127.6123

Previews

White Background



This preview shows how the YUV color 40.1260, 12.2629, -13.2655 looks on a white background.

Color Contrast Check

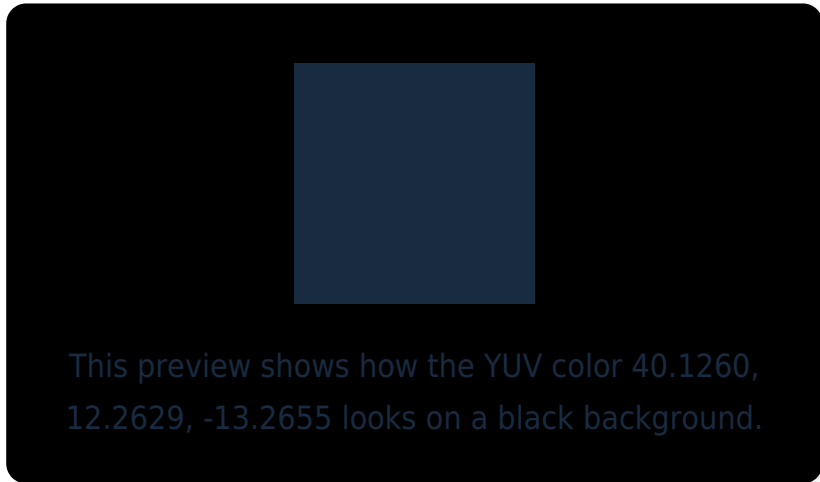
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

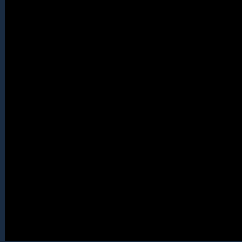
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

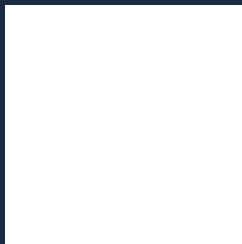
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 40.1260, 12.2629, -13.2655

Background



This preview shows how black text looks on a background with the YUV color 40.1260, 12.2629, -13.2655.



This preview shows how white text looks on a background with the YUV color 40.1260, 12.2629,

-13.2655.

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

40.1260, 12.2629, -13.2655

Protanopia

41.5290, 11.0782, -6.6029

Deuteranopia

41.0340, 11.8152, -9.6768



Tritanopia

38.0840, 5.8746, -17.6137

Trichromacy



Original Color

40.1260, 12.2629, -13.2655

Protanomaly

41.2190, 11.2310, -8.9621

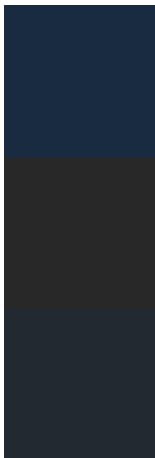
Deuteranomaly

40.4360, 12.1101, -10.9064

Tritanomaly

38.9640, 7.9057, -15.7544

Monochromacy



Original Color

40.1260, 12.2629, -13.2655

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.1260, 12.2629, -13.2655 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(25, 43, 65)` looks like.

```
.text, #text, p{  
    color:rgb(25, 43, 65)  
}
```

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(25, 43, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 43, 65) }
```

Border

The CSS property to change the border of an element to YUV 40.1260, 12.2629, -13.2655 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(25, 43, 65) }
```


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

```
.border{ border-color:rgb(25, 43, 65) }
```

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

Here you see how a box with a 4 pixel rgb(25, 43, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 43, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 43, 65);  
box-shadow:4px 4px 4px 4px rgb(25, 43, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.1260, 12.2629, -13.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 43, 65) }
```

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

```
.background{ background-color: rgb(25, 43,  
65) }
```

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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