

Converting Colors

YUV(60.6260, 7.0864, -32.9980)

Have a look what the booklet for
YUV(60.6260, 7.0864, -32.9980)
contains.

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Color

**YUV(60.6260, 7.0864,
-32.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	174D4B
RGB	23, 77, 75
RGB Percent	9%, 30%, 29%
CMY	0.9098, 0.6980, 0.7059
CMYK	0.70, 0.00, 0.03, 0.70
HSL	178°, 54%, 20%
HSV	178°, 70%, 30%
XYZ	4.2772, 5.9979, 7.5889
YIQ	60.6260, -31.5420, -12.0700

Conversions

Conversions Part 2

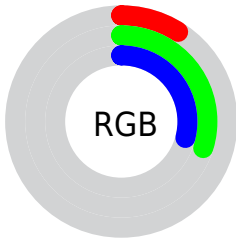
Format	Color
RYB	23, 51, 77
Decimal	1527115
CIELab	29.41, -17.87, -4.02
CIELCh	29, 18.321, 192.671
Yxy	5.9979, 0.2394, 0.3358
Android (android.graphics.Color)	4279717195 (0xFF174D4B)
YUV	60.6260, 7.0864, -32.9980
Hunter-Lab	24.4906, -11.6840, -1.2287

Details

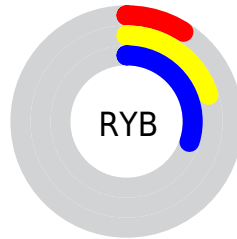
The YUV color **60.6260, 7.0864, -32.9980** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39.3740, -7.0864, 32.9980**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.5230, 6.6442, -31.1537**, and **22.9050, 3.9908, -20.0877** is the 20% darker color. If you saturate the color by 10%, you get **58.2340, 8.2656, -37.9162**, and if you desaturate by 10%, it is **63.0180, 5.9071, -28.0798**.

Distribution



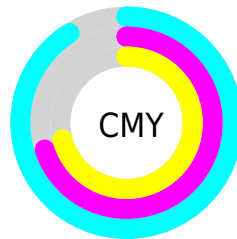
- Red (9%)
- Green (30%)
- Blue (29%)



- Red (9%)
- Yellow (20%)
- Blue (30%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6260, 7.0864, -32.9980 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 60.6260, 7.0864, -32.9980 by changing the saturation by 10% instead.

60.6260, 7.0864,
-32.9980

60.6260, 7.0864,
-32.9980

255.0000, 0.0000,
0.0000

37.6260, 7.0864,
-32.9980

110.5230, 6.6442,
-31.1537

22.9050, 3.9908,
-20.0877

136.1100, 6.3548,
-31.6685

0.7980, 3.0576,
-0.6998

162.8110, 6.5022,
-32.2832

0.0000, 0.0000,
0.0000

190.5120, 6.6496,
-32.8980

218.5120, 6.6496,
-32.8980

241.2460, 6.7807,

-28.2797

249.9170, 2.5059,
-10.4512

60.6260, 7.0864,
-32.9980

60.6260, 7.0864,
-32.9980

58.2340, 8.2656,
-37.9162

63.0180, 5.9071,
-28.0798

56.0270, 8.8607,
-42.1197

65.2250, 5.3121,
-23.8763

53.6350, 10.0399,
-47.0379

67.6170, 4.1328,
-18.9581

70.0090, 2.9536,
-14.0399

72.4010, 1.7743,
-9.1217

■ 74.6080, 1.1793,
-4.9182

■ 77.0000, 0.0000,
0.0000

■ 79.3920, -1.1793,
4.9182

■ 81.5990, -1.7743,
9.1217

Harmonies

Analogous

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



63.4120, -1.6821, -20.5323



60.6260, 7.0864, -32.9980



60.3250, 13.6438, -36.2420

Triad

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



60.6260, 7.0864, -32.9980



70.8620, 9.4350, 7.1370



69.2440, -13.4313, 14.6950

Complementary

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



60.6260, 7.0864, -32.9980



39.3740, -7.0864, 32.9980

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.



70.0260, -9.3798, 21.9022



60.6260, 7.0864, -32.9980



71.0330, 3.4347, 18.3881

Square

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



60.6260, 7.0864, -32.9980



69.2020, 13.7044, -8.9472



70.9320, -3.4175, 22.8616



67.5910, -13.1094, 4.7437

Rectangle

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



60.6260, 7.0864, -32.9980



62.8250, 15.3693, -29.6645



70.9320, -3.4175, 22.8616



69.4940, -12.5685, 17.9838

Sweetspot

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



60.6260, 7.0864, -32.9980



93.0200, 2.9481, -12.2955



55.5950, -16.0693, -25.9548



47.1130, 1.9163, -7.9921



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



60.6260, 7.0864, -32.9980



73.8410, 10.9244, -50.7266



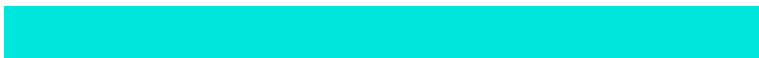
46.7660, 14.9054, -20.8428



36.8040, 0.5896, -2.4591



71.0460, 13.2883, -62.3073



160.2040, 29.9724, -140.4989

Inverse Universe

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



39.3740, -7.0864, 32.9980



41.1590, -10.9244, 50.7266



53.2340, -14.9054, 20.8428



35.3100, -0.1528, 2.3591



30.9540, -13.2883, 62.3073



69.6820, -30.4092, 140.5989

Previews

White Background



This preview shows how the YUV color 60.6260, 7.0864, -32.9980 looks on a white background.

Color Contrast Check

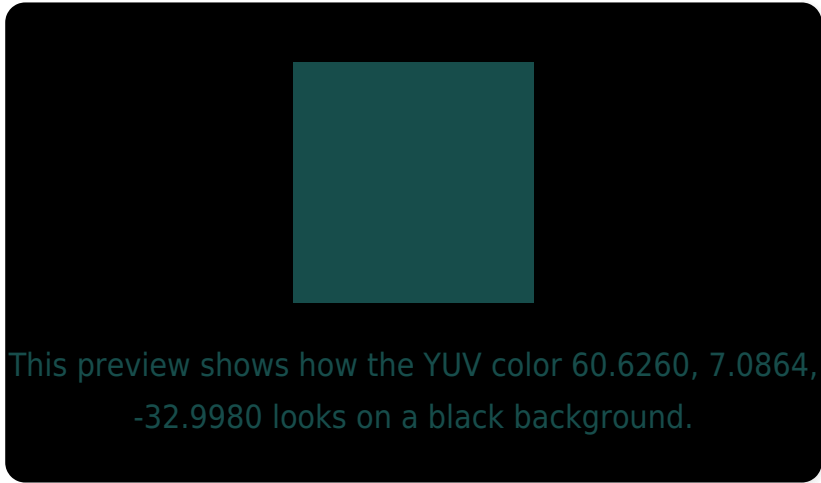
Large Text (above 18pt) WCAG AA ✓ Pass

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

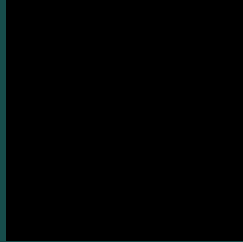
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6260, 7.0864, -32.9980

Background



This preview shows how black text looks on a background with the YUV color 60.6260, 7.0864, -32.9980.



This preview shows how white text looks on a background with the YUV color 60.6260, 7.0864, -32.9980.

-32.9980.

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

60.6260, 7.0864, -32.9980

Protanopia

69.4130, 0.2894, 0.5148

Deuteranopia

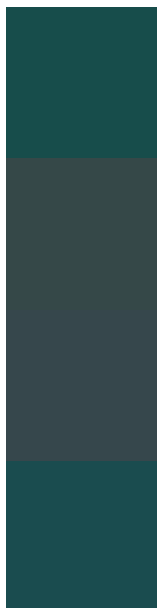
69.6350, 3.6309, 2.0741



Tritanopia

62.0330, 9.8437, -30.7239

Trichromacy



Original Color

60.6260, 7.0864, -32.9980

Protanomaly

66.3190, 2.8007, -11.6808

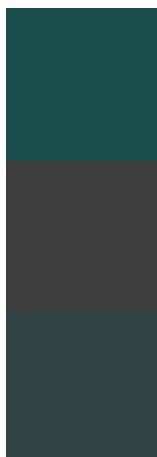
Deuteranomaly

66.4870, 4.6899, -10.9511

Tritanomaly

61.3920, 8.6807, -31.0388

Monochromacy



Original Color

60.6260, 7.0864, -32.9980

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9060, 2.5113, -12.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6260, 7.0864, -32.9980 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(23, 77, 75)` looks like.

```
.text, #text, p{  
    color:rgb(23, 77, 75)  
}
```

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(23, 77, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 77, 75) }
```

Border

The CSS property to change the border of an element to YUV 60.6260, 7.0864, -32.9980 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(23, 77, 75) }
```


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

```
.border{ border-color:rgb(23, 77, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 77, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 77, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 77, 75);  
box-shadow:4px 4px 4px 4px rgb(23, 77, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.6260, 7.0864, -32.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 77, 75) }
```

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

```
.background{ background-color: rgb(23, 77,  
75) }
```

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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