

Converting Colors

YUV(72.9090, 17.7929,
-60.4332)

Have a look what the booklet for
YUV(72.9090, 17.7929, -60.4332)
contains.

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Color

**YUV(72.9090, 17.7929,
-60.4332)**

Conversions

Conversions Part 1

Format	Color
Hex	04656D
RGB	4, 101, 109
RGB Percent	2%, 40%, 43%
CMY	0.9843, 0.6039, 0.5725
CMYK	0.96, 0.07, 0.00, 0.57
HSL	185°, 93%, 22%
HSV	185°, 96%, 43%
XYZ	7.4641, 10.4373, 16.0892
YIQ	72.9090, -60.3800, -18.0760

Conversions

Conversions Part 2

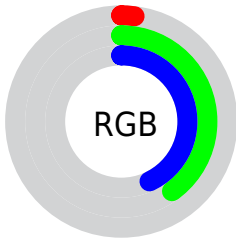
Format	Color
RYB	4, 54, 109
Decimal	288109
CIELab	38.62, -21.30, -11.57
CIELCh	39, 24.238, 208.512
Yxy	10.4373, 0.2196, 0.3071
Android (android.graphics.Color)	4278478189 (0xFF04656D)
YUV	72.9090, 17.7929, -60.4332
Hunter-Lab	32.3068, -15.2968, -6.9124

Details

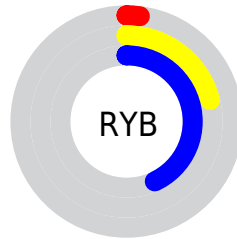
The YUV color **72.9090, 17.7929, -60.4332** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **40.0910, -17.7929, 60.4332**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8890, 14.8447, -48.1377**, and **38.7660, 11.4544, -33.9978** is the 20% darker color. If you saturate the color by 10%, you get **71.7130, 18.3825, -62.8923**, and if you desaturate by 10%, it is **76.7850, 15.8820, -54.1854**.

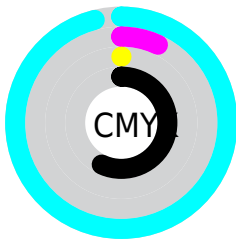
Distribution



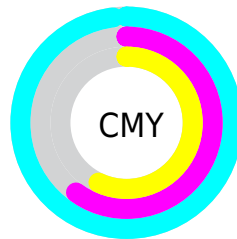
- Red (2%)
- Green (40%)
- Blue (43%)



- Red (2%)
- Yellow (21%)
- Blue (43%)



- Cyan (96%)
- Magenta (7%)
- Yellow (0%)
- Black (57%)



- Cyan (98%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9090, 17.7929, -60.4332 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 72.9090, 17.7929, -60.4332 by changing the saturation by 10% instead.

72.9090, 17.7929,
-60.4332

72.9090, 17.7929,
-60.4332

255.0000, 0.0000,
0.0000

54.8890, 14.8447,
-48.1377

129.8890, 14.8447,
-48.1377

38.7660, 11.4544,
-33.9978

157.1880, 14.6973,
-47.5229

23.9310, 7.9220,
-20.9875

185.1880, 14.6973,
-47.5229

2.8670, 8.4466,
-2.5144

213.3020, 15.1341,
-47.6229

0.0000, 0.0000,
0.0000

234.6680, 10.0237,
-41.8048

243.3390, 5.7489,

-23.9763

252.3090, 1.3267,
-5.5330

72.9090, 17.7929,
-60.4332

72.9090, 17.7929,
-60.4332

71.7130, 18.3825,
-62.8923

76.7850, 15.8820,
-54.1854

80.6610, 13.9711,
-47.9377

83.9500, 12.3496,
-41.1752

87.8260, 10.4388,
-34.9274

91.7020, 8.5279,
-28.6797

■ 95.2790, 6.7645,
-23.0467

■ 99.1550, 4.8536,
-16.7989

■ 103.0310, 2.9427,
-10.5512

■ 106.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



79.5990, 4.6347, -39.9903



72.9090, 17.7929, -60.4332



78.8380, 22.2649, -48.0929

Triad

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



72.9090, 17.7929, -60.4332



93.5260, 9.1077, 18.8327



89.4520, -18.9568, 13.6356

Complementary

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



72.9090, 17.7929, -60.4332



40.0910, -17.7929, 60.4332

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.



91.2130, -16.3740, 25.2462



72.9090, 17.7929, -60.4332



93.1870, -0.0922, 29.6540

Square

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



72.9090, 17.7929, -60.4332



92.2400, 16.1507, -0.2105



92.0920, -9.4124, 32.3683



87.2650, -15.4136, -2.8634

Rectangle

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



72.9090, 17.7929, -60.4332



85.1220, 21.6319, -31.6790



92.0920, -9.4124, 32.3683



90.1860, -18.8257, 18.2539

Sweetspot

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



72.9090, 17.7929, -60.4332



128.6810, 7.0593, -24.2762



66.4330, -27.3285, -54.7537



62.3510, 4.2640, -14.3398



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



72.9090, 17.7929, -60.4332



93.7860, 24.2625, -82.2503



42.9720, 32.5518, -34.1784



51.6190, 1.1738, -3.1739



76.7340, 19.8511, -67.2957



160.5920, 41.6131, -140.8392

Inverse Universe

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



46.4530, 26.8917, 54.8537



57.8050, 36.5781, 74.7160



70.0280, -32.5518, 34.1784



50.3640, 1.2995, 3.1888



47.2950, 29.9276, 61.1313



99.0190, 62.6016, 128.0253

Previews

White Background



This preview shows how the YUV color 72.9090, 17.7929, -60.4332 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 72.9090, 17.7929, -60.4332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

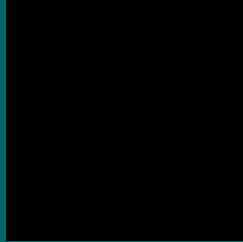
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.9090, 17.7929, -60.4332

Background



This preview shows how black text looks on a background with the YUV color 72.9090, 17.7929, -60.4332.



This preview shows how white text looks on a background with the YUV color 72.9090, 17.7929,

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

72.9090, 17.7929, -60.4332

Protanopia

91.0690, 5.3890, -1.8145

Deuteranopia

91.6220, 10.0464, -2.2995



Tritanopia

73.2080, 17.6455, -59.8184

Trichromacy



Original Color

72.9090, 17.7929, -60.4332

Protanomaly

84.4900, 10.1114, -23.2317

Deuteranomaly

84.5870, 13.0216, -23.3168

Tritanomaly

73.2080, 17.6455, -59.8184

Monochromacy



Original Color

72.9090, 17.7929, -60.4332

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8770, 6.4696, -21.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9090, 17.7929, -60.4332 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(4, 101, 109)` looks like.

```
.text, #text, p{  
    color:rgb(4, 101, 109)  
}
```

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(4, 101, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 101, 109) }
```

Border

The CSS property to change the border of an element to YUV 72.9090, 17.7929, -60.4332 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(4, 101, 109) }
```


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

```
.border{ border-color:rgb(4, 101, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 101, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 101, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 101, 109);  
box-shadow:4px 4px 4px 4px rgb(4, 101,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 72.9090, 17.7929, -60.4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 101, 109) }
```

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

```
.background{ background-color: rgb(4, 101,  
109) }
```

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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