

Converting Colors

YUV(72.1240, 11.7709,
-42.2047)

Have a look what the booklet for
YUV(72.1240, 11.7709, -42.2047)
contains.

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Color

**YUV(72.1240, 11.7709,
-42.2047)**

Conversions

Conversions Part 1

Format	Color
Hex	185C60
RGB	24, 92, 96
RGB Percent	9%, 36%, 38%
CMY	0.9059, 0.6392, 0.6235
CMYK	0.75, 0.04, 0.00, 0.62
HSL	183°, 60%, 24%
HSV	183°, 75%, 38%
XYZ	6.3152, 8.6930, 12.4114
YIQ	72.1240, -41.8120, -13.1720

Conversions

Conversions Part 2

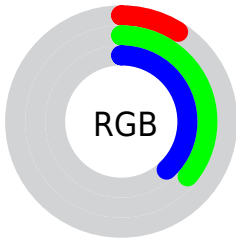
Format	Color
R_{YB}	24, 59, 96
Decimal	1596512
CIE _{Lab}	35.39, -18.98, -8.38
CIE _{LCh}	35, 20.746, 203.811
Yxy	8.6930, 0.2303, 0.3170
Android (android.graphics.Color)	4279786592 (0xFF185C60)
YUV	72.1240, 11.7709, -42.2047
Hunter-Lab	29.4839, -13.3640, -4.3197

Details

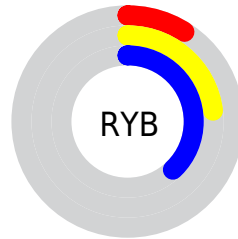
The YUV color **72.1240, 11.7709, -42.2047** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **47.8760, -11.7709, 42.2047**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5050, 10.5970, -39.0309**, and **32.7020, 8.5279, -28.6797** is the 20% darker color. If you saturate the color by 10%, you get **68.5470, 13.5343, -47.8377**, and if you desaturate by 10%, it is **75.7010, 10.0074, -36.5718**.

Distribution



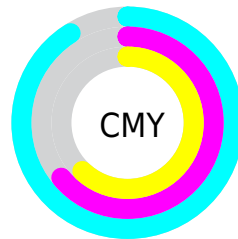
- Red (9%)
- Green (36%)
- Blue (38%)



- Red (9%)
- Yellow (23%)
- Blue (38%)



- Cyan (75%)
- Magenta (4%)
- Yellow (0%)
- Black (62%)



- Cyan (91%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.1240, 11.7709, -42.2047 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 72.1240, 11.7709, -42.2047 by changing the saturation by 10% instead.

72.1240, 11.7709,
-42.2047

72.1240, 11.7709,
-42.2047

255.0000, 0.0000,
0.0000

48.1240, 11.7709,
-42.2047

124.5050, 10.5970,
-39.0309

32.7020, 8.5279,
-28.6797

150.9180, 10.8864,
-38.5161

19.1550, 4.8536,
-16.7989

177.9180, 10.8864,
-38.5161

0.1140, 0.4368,
-0.1000

205.6190, 11.0338,
-39.1309

0.0000, 0.0000,
0.0000

234.0920, 10.3076,
-39.5457

243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

72.1240, 11.7709,
-42.2047

72.1240, 11.7709,
-42.2047

68.5470, 13.5343,
-47.8377

75.7010, 10.0074,
-36.5718

65.8560, 14.8610,
-53.3707

78.3920, 8.6807,
-31.0388

64.3610, 15.5980,
-56.4446

81.9690, 6.9173,
-25.4058

84.6600, 5.5906,
-19.8728

88.2370, 3.8272,
-14.2398

■ 91.2270, 2.3531,
-8.0921

■ 94.5050, 0.7370,
-3.0739

■ 97.4950, -0.7370,
3.0739

■ 100.7730, -2.3531,
8.0921

Harmonies

Analogous

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



75.2690, 1.8394, -30.0539



72.1240, 11.7709, -42.2047



74.2260, 17.1436, -38.7862

Triad

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



72.1240, 11.7709, -42.2047



85.3790, 8.6872, 13.6996



82.5490, -16.0467, 13.5505

Complementary

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



72.1240, 11.7709, -42.2047



47.8760, -11.7709, 42.2047

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.



83.4130, -13.0216, 23.3168



72.1240, 11.7709, -42.2047



85.3820, 0.7977, 24.2210

Square

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



72.1240, 11.7709, -42.2047



83.7620, 14.4143, -3.2993



84.4550, -6.6333, 27.6650



80.6290, -14.1141, 0.3254

Rectangle

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



72.1240, 11.7709, -42.2047



77.9330, 18.2740, -28.0052



84.4550, -6.6333, 27.6650



82.7990, -15.1839, 16.8393

Sweetspot

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



72.1240, 11.7709, -42.2047



115.1550, 4.8536, -16.7989



66.7200, -19.0890, -37.4654



58.0310, 2.9427, -10.5512



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



72.1240, 11.7709, -42.2047



87.6910, 18.3933, -66.3810



50.9920, 22.1889, -23.6720



46.8040, 0.5896, -2.4591



74.9900, 18.2459, -65.7662



160.0220, 39.4292, -140.3393

Inverse Universe

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



53.2800, 19.0890, 37.4654



57.9850, 30.0804, 58.7722



69.0080, -22.1889, 23.6720



45.6520, 1.1576, 2.0592



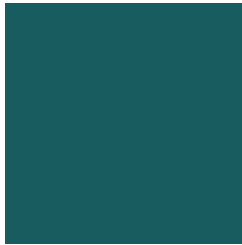
45.5720, 29.7910, 58.2574



97.5240, 63.3387, 124.9515

Previews

White Background



This preview shows how the YUV color 72.1240, 11.7709, -42.2047 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 72.1240, 11.7709, -42.2047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

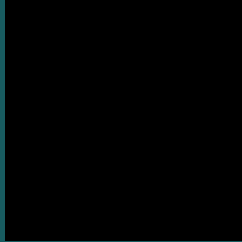
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.1240, 11.7709, -42.2047

Background



This preview shows how black text looks on a background with the YUV color 72.1240, 11.7709, -42.2047.



This preview shows how white text looks on a background with the YUV color 72.1240, 11.7709,

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

72.1240, 11.7709, -42.2047

Protanopia

82.9120, 3.4944, -0.7998

Deuteranopia

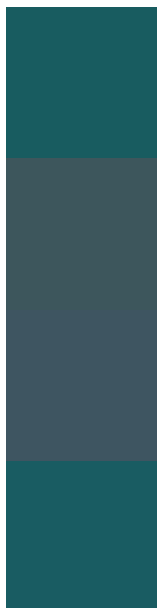
83.5360, 7.1308, -0.4701



Tritanopia

73.0640, 12.7864, -41.2751

Trichromacy



Original Color

72.1240, 11.7709, -42.2047

Protanomaly

79.2090, 6.3060, -15.9693

Deuteranomaly

79.4910, 8.6319, -15.3396

Tritanomaly

72.6510, 12.4971, -41.7899

Monochromacy



Original Color

72.1240, 11.7709, -42.2047

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0520, 4.4114, -14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1240, 11.7709, -42.2047 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(24, 92, 96)` looks like.

```
.text, #text, p{  
    color:rgb(24, 92, 96)  
}
```

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(24, 92, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 92, 96) }
```

Border

The CSS property to change the border of an element to YUV 72.1240, 11.7709, -42.2047 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(24, 92, 96) }
```


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

```
.border{ border-color:rgb(24, 92, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 92, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 92, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 92, 96);  
box-shadow:4px 4px 4px 4px rgb(24, 92, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.1240, 11.7709, -42.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 92, 96) }
```

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

```
.background{ background-color: rgb(24, 92,  
96) }
```

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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