

Converting Colors

YUV(62.2190, 41.3040,
-41.4111)

Have a look what the booklet for
YUV(62.2190, 41.3040, -41.4111)
contains.

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Color

**YUV(62.2190, 41.3040,
-41.4111)**

Conversions

Conversions Part 1

Format	Color
Hex	0F4692
RGB	15, 70, 146
RGB Percent	6%, 27%, 57%
CMY	0.9412, 0.7255, 0.4275
CMYK	0.90, 0.52, 0.00, 0.43
HSL	215°, 81%, 32%
HSV	215°, 90%, 57%
XYZ	7.5755, 6.5572, 28.0605
YIQ	62.2190, -57.1760, 11.9760

Conversions

Conversions Part 2

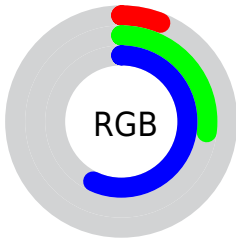
Format	Color
R_{YB}	15, 54, 146
Decimal	1001106
CIE _{Lab}	30.78, 13.55, -46.62
CIE _{LCh}	31, 48.554, 286.207
Yxy	6.5572, 0.1795, 0.1554
Android (android.graphics.Color)	4279191186 (0xFF0F4692)
YUV	62.2190, 41.3040, -41.4111
Hunter-Lab	25.6070, 7.9943, -47.0459

Details

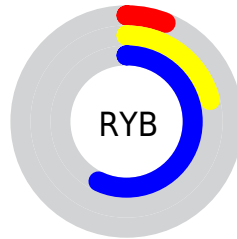
The YUV color **62.2190, 41.3040, -41.4111** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **98.7810, -41.3040, 41.4111**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8940, 40.9713, -27.9710**, and **27.2660, 33.3929, -23.9123** is the 20% darker color. If you saturate the color by 10%, you get **53.0380, 45.8303, -46.5143**, and if you desaturate by 10%, it is **71.4000, 36.7778, -36.3078**.

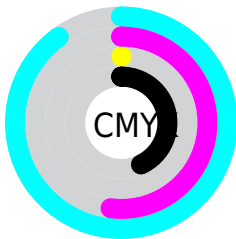
Distribution



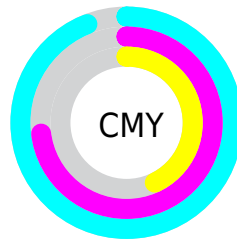
- Red (6%)
- Green (27%)
- Blue (57%)



- Red (6%)
- Yellow (21%)
- Blue (57%)



- Cyan (90%)
- Magenta (52%)
- Yellow (0%)
- Black (43%)



- Cyan (94%)
- Magenta (73%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2190, 41.3040, -41.4111 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 62.2190, 41.3040, -41.4111 by changing the saturation by 10% instead.

■ 62.2190, 41.3040,
-41.4111

■ 62.2190, 41.3040,
-41.4111

■ 255.0000, 0.0000,
0.0000

■ 41.8560, 38.5250,
-36.7077

■ 117.8940, 40.9713,
-27.9710

■ 27.2660, 33.3929,
-23.9123

■ 144.4320, 41.6920,
-25.8119

■ 7.9800, 30.5759,
-6.9985

■ 171.3290, 41.2498,
-23.9675

■ 7.7060, 19.3719,
-6.7582

■ 196.4360, 28.8721,
-20.5534

■ 3.4370, 10.6306,
-3.0142

■ 220.9560, 16.7837,
-16.6244

■ 0.0000, 0.0000,
0.0000

■ 246.6500, 4.1166,

-13.7250

■ 62.2190, 41.3040,
-41.4111

■ 62.2190, 41.3040,
-41.4111

■ 53.0380, 45.8303,
-46.5143

■ 71.4000, 36.7778,
-36.3078

■ 52.4510, 46.1197,
-45.9995

■ 80.8690, 32.1096,
-32.3341

■ 90.0500, 27.5833,
-27.2308

■ 99.5190, 22.9151,
-23.2572

■ 108.7000, 18.3889,
-18.1539

■ 118.4680, 13.5733,
-13.5654

■ 127.3500, 9.1945,
-9.0769

■ 137.1180, 4.3788,
-4.4885

■ 146.0000, 0.0000,
0.0000

Harmonies

Analogous

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



64.8920, 40.4792, -56.9103



62.2190, 41.3040, -41.4111



74.3750, 24.9581, 21.5961

Triad

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



62.2190, 41.3040, -41.4111



66.9130, -24.6071, 52.6963



57.6980, -2.3161, -50.6011

Complementary

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



62.2190, 41.3040, -41.4111



98.7810, -41.3040, 41.4111

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.



56.0580, -21.7206, -33.3769



62.2190, 41.3040, -41.4111



68.3650, -33.7039, 30.3749

Square

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



62.2190, 41.3040, -41.4111



64.4410, -5.1474, 64.5112



66.1290, -32.6016, 3.3949



62.8450, 14.8664, -55.1151

Rectangle

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



62.2190, 41.3040, -41.4111



70.9390, 16.2991, 45.6575



66.1290, -32.6016, 3.3949



55.6290, -7.7051, -48.7866

Sweetspot

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



62.2190, 41.3040, -41.4111



156.1410, 16.1995, -15.9097



100.3330, -5.5872, -74.8370



75.0510, 9.3419, -9.6917



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



62.2190, 41.3040, -41.4111



67.9190, 59.6929, -59.5650



32.6250, 55.8939, -7.5641



69.5590, 2.1894, -2.2442



49.7780, 43.4934, -43.6553



3.4880, 3.2104, -3.0590

Inverse Universe

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



60.4390, 4.7136, 75.0370



65.5170, 6.6471, 108.2946



128.3750, -55.8939, 7.5641



69.4350, 0.2785, 4.0035



47.8740, 4.9921, 79.0405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 62.2190, 41.3040, -41.4111 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 62.2190, 41.3040, -41.4111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

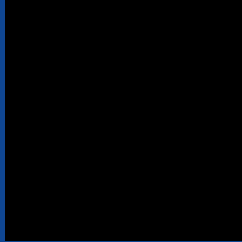
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.2190, 41.3040, -41.4111

Background



This preview shows how black text looks on a background with the YUV color 62.2190, 41.3040, -41.4111.



This preview shows how white text looks on a background with the YUV color 62.2190, 41.3040,

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

62.2190, 41.3040, -41.4111

Protanopia

63.4150, 40.7144, -38.9520

Deuteranopia

58.0300, 34.4952, -50.8923



Tritanopia

57.3510, 14.1240, -50.2968

Trichromacy



Original Color

62.2190, 41.3040, -41.4111

Protanomaly

63.1160, 40.8618, -39.5667

Deuteranomaly

59.7360, 37.1052, -48.0035

Tritanomaly

59.0060, 24.1540, -47.3633

Monochromacy



Original Color

62.2190, 41.3040, -41.4111

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2120, 15.1785, -15.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2190, 41.3040, -41.4111 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(15, 70, 146)` looks like.

```
.text, #text, p{  
    color:rgb(15, 70, 146)  
}
```

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(15, 70, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 70, 146) }
```

Border

The CSS property to change the border of an element to YUV 62.2190, 41.3040, -41.4111 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(15, 70, 146) }
```


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

```
.border{ border-color:rgb(15, 70, 146) }
```

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

Here you see how a box with a 4 pixel rgb(15, 70, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 70, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 70, 146);  
box-shadow:4px 4px 4px 4px rgb(15, 70,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 62.2190, 41.3040, -41.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 70, 146) }
```

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

```
.background{ background-color: rgb(15, 70,  
146) }
```

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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