

Converting Colors

YUV(75.7350, 42.0356,
-42.7406)

Have a look what the booklet for
YUV(75.7350, 42.0356, -42.7406)
contains.

YUV(75.7350, 42.0356, -42.7406)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(75.7350, 42.0356,
-42.7406)**

Conversions

Conversions Part 1

Format	Color
Hex	1B54A1
RGB	27, 84, 161
RGB Percent	11%, 33%, 63%
CMY	0.8941, 0.6706, 0.3686
CMYK	0.83, 0.48, 0.00, 0.37
HSL	214°, 71%, 37%
HSV	214°, 83%, 63%
XYZ	10.0553, 9.1469, 34.9538
YIQ	75.7350, -58.6890, 11.8630

Conversions

Conversions Part 2

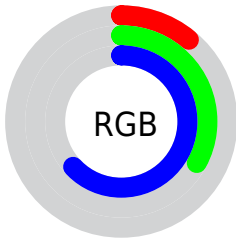
Format	Color
R_{YB}	27, 67, 161
Decimal	1791137
CIE Lab	36.27, 11.19, -46.83
CIE LCh	36, 48.150, 283.444
Yxy	9.1469, 0.1857, 0.1689
Android (android.graphics.Color)	4279981217 (0xFF1B54A1)
YUV	75.7350, 42.0356, -42.7406
Hunter-Lab	30.2438, 6.4204, -47.3528




Details

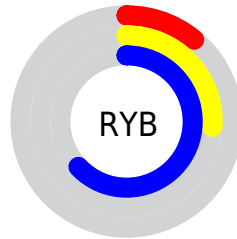
The YUV color **75.7350, 42.0356, -42.7406** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **112.2650, -42.0356, 42.7406**, and the grayscale version is **75.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **131.1000, 41.8557, -31.6597**, and **35.9060, 36.0353, -31.4896** is the 20% darker color. If you saturate the color by 10%, you get **65.6680, 46.9987, -47.9438**, and if you desaturate by 10%, it is **85.8020, 37.0726, -37.5374**.

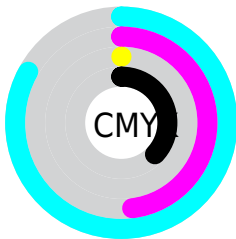
Distribution







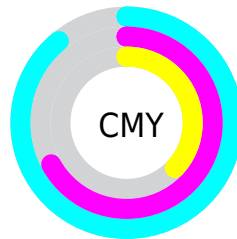
-  Red (11%)
-  Green (33%)
-  Blue (63%)






-  Red (11%)
-  Yellow (26%)
-  Blue (63%)



-  Cyan (83%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (89%)
-  Magenta (67%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7350, 42.0356, -42.7406 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 75.7350, 42.0356, -42.7406 by changing the saturation by 10% instead.

■ 75.7350, 42.0356,
-42.7406

■ 75.7350, 42.0356,
-42.7406

■ 255.0000, 0.0000,
0.0000

■ 51.0830, 40.8781,
-44.7998

■ 131.1000, 41.8557,
-31.6597

■ 35.9060, 36.0353,
-31.4896

■ 158.3390, 42.7239,
-30.1153

■ 21.9030, 30.6138,
-19.2089

■ 183.9990, 35.0035,
-27.1861

■ 10.3620, 24.4715,
-9.0875

■ 208.5190, 22.9151,
-23.2572

■ 5.3920, 15.5827,
-4.7288

■ 234.2130, 10.2480,
-20.3578

■ 2.1830, 5.8258,
-1.9145

■ 250.8140, 2.0637,

■ 0.0000, 0.0000,

-8.6069

0.0000

■ 75.7350, 42.0356,
-42.7406

■ 75.7350, 42.0356,
-42.7406

■ 65.6680, 46.9987,
-47.9438

■ 85.8020, 37.0726,
-37.5374

■ 58.2700, 50.6459,
-51.1028

■ 96.4560, 31.8202,
-32.8489

■ 106.5230, 26.8572,
-27.6457

■ 116.5900, 21.8941,
-22.4424

■ 126.9560, 16.7837,
-16.6244

■ 137.6100, 11.5313,
-11.9360

■ 147.6770, 6.5682,
-6.7327

■ 157.7440, 1.6052,
-1.5295

■ 167.8110, -3.3578,
3.6738

Harmonies

Analogous

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



74.5920, 42.1061, -65.4172



75.7350, 42.0356, -42.7406



88.1080, 26.5688, 18.3223

Triad

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



75.7350, 42.0356, -42.7406



81.1630, -23.7444, 55.9850



66.9420, -2.4364, -58.7081

Complementary

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



75.7350, 42.0356, -42.7406



112.2650, -42.0356, 42.7406

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.



72.1190, -24.2157, -26.4144



75.7350, 42.0356, -42.7406



80.7910, -39.8300, 35.2633

Square

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



75.7350, 42.0356, -42.7406



80.4410, -5.1474, 64.5112



78.2560, -38.5802, 7.6685



72.0890, 14.7461, -63.2221

Rectangle

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



75.7350, 42.0356, -42.7406



85.8570, 17.3255, 43.0984



78.2560, -38.5802, 7.6685



64.8730, -7.8254, -56.8936

Sweetspot

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



75.7350, 42.0356, -42.7406



175.8420, 16.3469, -16.5244



114.3220, -5.5817, -76.5814



84.8660, 9.9261, -10.4065



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



75.7350, 42.0356, -42.7406



76.0690, 65.5350, -66.7125



44.9670, 57.2043, -7.8641



76.3740, 2.7736, -2.9590



52.9240, 45.3935, -46.4143



6.7480, 5.5472, -5.9180

Inverse Universe

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



73.5640, 5.1449, 76.6814



72.6370, 8.0670, 119.5904



143.0330, -57.2043, 7.8641



76.1470, 0.4205, 5.1331



50.4230, 5.7075, 82.9440



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 75.7350, 42.0356, -42.7406 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 75.7350, 42.0356, -42.7406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

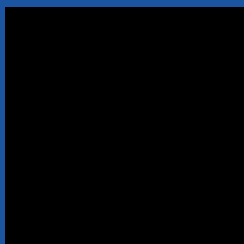
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7350, 42.0356, -42.7406

Background



This preview shows how black text looks on a background with the YUV color 75.7350, 42.0356, -42.7406.



This preview shows how white text looks on a background with the YUV color 75.7350, 42.0356, -42.7406.

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

75.7350, 42.0356, -42.7406

Protanopia

79.4160, 39.2349, -31.0598

Deuteranopia

68.3970, 41.2163, -59.9842



Tritanopia

67.2790, 16.6245, -59.0037

Trichromacy



Original Color

75.7350, 42.0356, -42.7406

Protanomaly

78.3230, 40.2668, -35.3633

Deuteranomaly

71.1420, 41.3420, -53.6215

Tritanomaly

70.4290, 25.9175, -52.9962

Monochromacy



Original Color

75.7350, 42.0356, -42.7406

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9130, 15.3259, -15.7097

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7350, 42.0356, -42.7406 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(27, 84, 161)` looks like.

```
.text, #text, p{  
    color:rgb(27, 84, 161)  
}
```

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(27, 84, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 84, 161) }
```

Border

The CSS property to change the border of an element to YUV 75.7350, 42.0356, -42.7406 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(27, 84, 161) }
```


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

```
.border{ border-color:rgb(27, 84, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 84, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 84, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 84, 161);  
box-shadow:4px 4px 4px 4px rgb(27, 84,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 75.7350, 42.0356, -42.7406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 84, 161) }
```

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

```
.background{ background-color: rgb(27, 84,  
161) }
```

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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