

Converting Colors

YUV(122.8090, 36.5762,
-18.2495)

Have a look what the booklet for
YUV(122.8090, 36.5762, -18.2495)
contains.

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Color

**YUV(122.8090, 36.5762,
-18.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	6677C5
RGB	102, 119, 197
RGB Percent	40%, 47%, 77%
CMY	0.6000, 0.5333, 0.2275
CMYK	0.48, 0.40, 0.00, 0.23
HSL	229°, 45%, 59%
HSV	229°, 48%, 77%
XYZ	22.1544, 20.0496, 55.5256
YIQ	122.8090, -35.1700, 20.6540

Conversions

Conversions Part 2

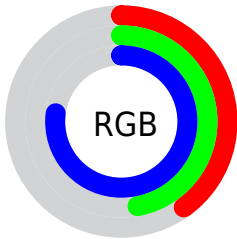
Format	Color
R_{YB}	102, 116, 197
Decimal	6715333
CIE _{Lab}	51.89, 15.07, -42.73
CIE _{LCh}	52, 45.308, 289.424
Yxy	20.0496, 0.2267, 0.2052
Android (android.graphics.Color)	4284905413 (0xFF6677C5)
YUV	122.8090, 36.5762, -18.2495
Hunter-Lab	44.7768, 9.9575, -42.1789

Details

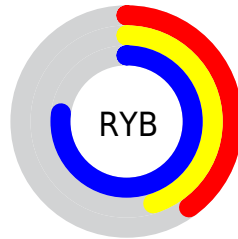
The YUV color **122.8090, 36.5762, -18.2495** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **176.1910, -36.5762, 18.2495**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5750, 38.1705, -16.2903**, and **71.4340, 35.2820, -23.1826** is the 20% darker color. If you saturate the color by 10%, you get **107.4370, 44.1546, -22.3082**, and if you desaturate by 10%, it is **138.1810, 28.9978, -14.1907**.

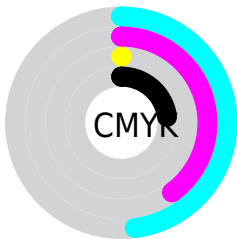
Distribution



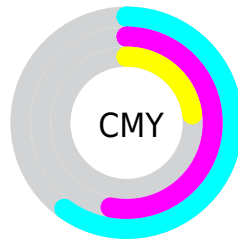
- Red (40%)
- Green (47%)
- Blue (77%)



- Red (40%)
- Yellow (45%)
- Blue (77%)



- Cyan (48%)
- Magenta (40%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8090, 36.5762, -18.2495 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 122.8090, 36.5762, -18.2495 by changing the saturation by 10% instead.

■ 122.8090, 36.5762,
-18.2495

■ 122.8090, 36.5762,
-18.2495

■ 255.0000, 0.0000,
0.0000

■ 96.5700, 35.7080,
-19.7939

■ 176.5750, 38.1705,
-16.2903

■ 71.4340, 35.2820,
-23.1826

■ 200.9100, 26.6664,
-13.0761

■ 42.6990, 36.6304,
-35.6930

■ 226.0170, 14.2886,
-9.6619

■ 27.5110, 31.7931,
-24.1271

■ 251.7110, 1.6215,
-6.7625

■ 8.9260, 29.1235,
-7.8281

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 122.8090, 36.5762,
-18.2495

■ 122.8090, 36.5762,
-18.2495

■ 107.4370, 44.1546,
-22.3082

■ 138.1810, 28.9978,
-14.1907

■ 92.3640, 51.5855,
-25.7522

■ 153.2540, 21.5668,
-10.7468

■ 76.4050, 59.4533,
-29.2962

■ 169.2130, 13.6990,
-7.2028

■ 61.0330, 67.0317,
-33.3549

■ 184.5850, 6.1206,
-3.1440

■ 45.9600, 74.4627,
-36.7989

■ 199.9570, -1.4578,
0.9147

■ 43.0030, 75.9205,
-37.7136

■ 215.0300, -8.8888,
4.3587

■ 230.4020,
-16.4672, 8.4174

■ 244.2790,
-23.3085, 9.4023

■ 248.3880,
-25.3343, 5.7987

Harmonies

Analogous

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



100.2840, 49.1600, -87.9491



122.8090, 36.5762, -18.2495



127.6530, 23.3421, 26.6143

Triad

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



122.8090, 36.5762, -18.2495



122.4140, -27.8121, 54.0109



95.6660, 6.0807, -83.8991

Complementary

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



122.8090, 36.5762, -18.2495



176.1910, -36.5762, 18.2495

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.



111.5250, -19.9788, -32.0324



122.8090, 36.5762, -18.2495



120.6380, -37.7825, 31.8895

Square

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



122.8090, 36.5762, -18.2495



123.4210, -11.5466, 63.6518



117.1460, -35.0750, 3.3800



100.8130, 23.2632, -88.4130

Rectangle

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



122.8090, 36.5762, -18.2495



126.3260, 12.6573, 47.0721



117.1460, -35.0750, 3.3800



99.8760, -2.4039, -69.1743

Sweetspot

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



122.8090, 36.5762, -18.2495



227.2130, 13.6990, -7.2028



166.6570, 6.5781, -56.7042



110.8560, 8.4520, -4.2587



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



122.8090, 36.5762, -18.2495



139.7210, 56.8325, -28.6963



121.8000, 37.0736, 8.9454



91.6130, 3.6418, -1.4146



35.6050, 62.8057, -31.2256



7.6260, 13.9884, -6.6880

Inverse Universe

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



132.3430, -6.5781, 56.7042



154.3300, -10.0227, 88.2876



177.2000, -37.0736, -8.9454



92.8050, -0.8899, 5.4330



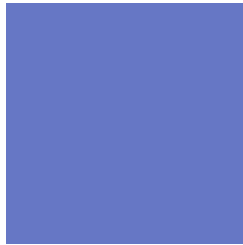
52.0430, -11.3602, 97.3093



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 122.8090, 36.5762, -18.2495 looks on a white background.

Color Contrast Check

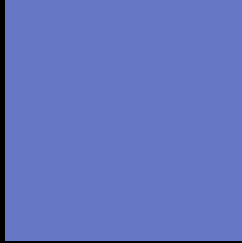
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.8090, 36.5762, -18.2495 looks on a black 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

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

YUV 122.8090, 36.5762, -18.2495

Background



This preview shows how black text looks on a background with the YUV color 122.8090, 36.5762, -18.2495.



This preview shows how white text looks on a background with the YUV color 122.8090, 36.5762, -18.2495.

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

122.8090, 36.5762, -18.2495

Protanopia

121.5200, 38.1976, -25.0120

Deuteranopia

119.9490, 37.4931, -32.4043



Tritanopia

118.3860, 11.1487, -29.2795

Trichromacy



Original Color

122.8090, 36.5762, -18.2495

Protanomaly

121.7160, 37.6080, -22.5529

Deuteranomaly

120.8680, 37.0401, -27.0712

Tritanomaly

120.1120, 20.1578, -25.5312

Monochromacy



Original Color

122.8090, 36.5762, -18.2495

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0990, 13.2622, -7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8090, 36.5762, -18.2495 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(102, 119, 197)` looks like.

```
.text, #text, p{  
    color:rgb(102, 119, 197)  
}
```

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(102, 119, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 119, 197) }
```

Border

The CSS property to change the border of an element to YUV 122.8090, 36.5762, -18.2495 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(102, 119, 197) }
```


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

```
.border{ border-color:rgb(102, 119, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 119, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 119, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 119, 197);  
box-shadow:4px 4px 4px 4px rgb(102, 119,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 122.8090, 36.5762, -18.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 119, 197) }
```

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

```
.background{ background-color: rgb(102,  
119, 197) }
```

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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