

Converting Colors

YUV(60.0240, 60.6272,
-32.4700)

Have a look what the booklet for
YUV(60.0240, 60.6272, -32.4700)
contains.

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Color

**YUV(60.0240, 60.6272,
-32.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	1737B7
RGB	23, 55, 183
RGB Percent	9%, 22%, 72%
CMY	0.9098, 0.7843, 0.2824
CMYK	0.87, 0.70, 0.00, 0.28
HSL	228°, 78%, 40%
HSV	228°, 87%, 72%
XYZ	10.2668, 6.3334, 45.4811
YIQ	60.0240, -60.1600, 33.0240

Conversions

Conversions Part 2

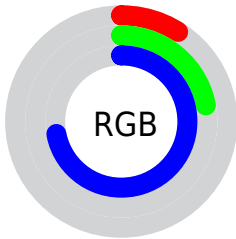
Format	Color
R_{YB}	23, 50, 183
Decimal	1521591
CIE _{Lab}	30.24, 38.82, -69.78
CIE _{LCh}	30, 79.853, 299.087
Yxy	6.3334, 0.1654, 0.1020
Android (android.graphics.Color)	4279711671 (0xFF1737B7)
YUV	60.0240, 60.6272, -32.4700
Hunter-Lab	25.1663, 28.7793, -89.5337

Details

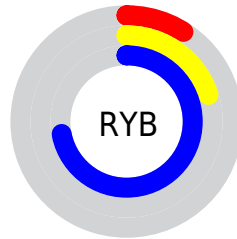
The YUV color **60.0240, 60.6272, -32.4700** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **145.9760, -60.6272, 32.4700**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.7320, 60.2781, -13.7970**, and **22.9240, 52.2955, -20.1043** is the 20% darker color. If you saturate the color by 10%, you get **45.8370, 67.6214, -35.8140**, and if you desaturate by 10%, it is **74.2110, 53.6330, -29.1260**.

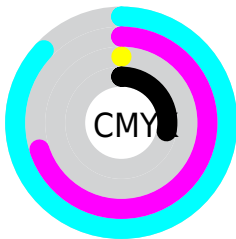
Distribution



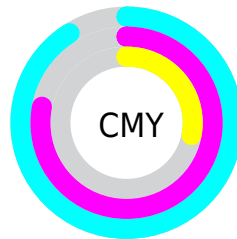
- Red (9%)
- Green (22%)
- Blue (72%)



- Red (9%)
- Yellow (20%)
- Blue (72%)



- Cyan (87%)
- Magenta (70%)
- Yellow (0%)
- Black (28%)



- Cyan (91%)
- Magenta (78%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.0240, 60.6272, -32.4700 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 60.0240, 60.6272, -32.4700 by changing the saturation by 10% instead.

■ 60.0240, 60.6272,
-32.4700

■ 60.0240, 60.6272,
-32.4700

■ 255.0000, 0.0000,
0.0000

■ 37.6280, 57.8644,
-32.9998

■ 117.7320, 60.2781,
-13.7970

■ 22.9240, 52.2955,
-20.1043

■ 143.3860, 55.0257,
-9.1085

■ 11.7420, 44.9902,
-10.2977

■ 167.6180, 43.0793,
-4.0500

■ 14.6480, 30.7395,
-12.8463

■ 192.4370, 30.8436,
0.4938

■ 9.0910, 22.1401,
-7.9728

■ 217.8430, 18.3184,
4.5227

■ 4.7080, 12.9620,
-4.1289

■ 243.5480, 5.6458,

■ 0.3420, 1.3104,

9.1664

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 60.0240, 60.6272,
-32.4700

■ 60.0240, 60.6272,
-32.4700

■ 45.8370, 67.6214,
-35.8140

■ 74.2110, 53.6330,
-29.1260

■ 42.5810, 69.2266,
-37.3435

■ 88.1100, 46.7808,
-24.6525

■ 102.2970, 39.7866,
-21.3085

■ 116.4840, 32.7924,
-17.9645

■ 130.3830, 25.9402,
-13.4909

■ 144.5700, 18.9460,
-10.1469

■ 158.1700, 12.2412,
-6.2881

■ 172.3570, 5.2470,
-2.9441

■ 186.8430, -1.8946,
1.0147

Harmonies

Analogous

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



70.9340, 63.6295, -62.2091



60.0240, 60.6272, -32.4700



57.1790, 39.3518, 71.7570

Triad

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



60.0240, 60.6272, -32.4700



61.2090, -30.1760, 65.5917



62.3430, 2.7889, -54.6748

Complementary

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



60.0240, 60.6272, -32.4700



145.9760, -60.6272, 32.4700

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.



52.8300, -26.0452, -46.3319



60.0240, 60.6272, -32.4700



67.4130, -33.2346, 19.8088

Square

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



60.0240, 60.6272, -32.4700



51.1590, -17.3334, 99.8386



53.4940, -26.3725, -34.6362



70.1120, 30.0178, -61.4882

Rectangle

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



60.0240, 60.6272, -32.4700



60.0940, 18.1947, 91.1256



53.4940, -26.3725, -34.6362



59.1340, -6.9681, -51.8605

Sweetspot

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



60.0240, 60.6272, -32.4700



189.6990, 23.3194, -12.8910



131.5120, 9.6076, -95.1650



91.3270, 14.1358, -7.3028



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



60.0240, 60.6272, -32.4700



54.6070, 89.9197, -47.8903



55.5920, 62.8121, 13.5128



84.6130, 3.6418, -1.4146



35.9810, 59.1694, -31.5553



6.7140, 10.4940, -5.8882

Inverse Universe

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



74.4880, -9.6076, 95.1650



76.2210, -14.4060, 141.0032



150.4080, -62.8121, -13.5128



85.8050, -0.8899, 5.4330



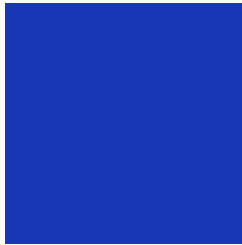
50.1780, -9.4548, 92.8059



9.0560, -1.5066, 16.6139

Previews

White Background



This preview shows how the YUV color 60.0240, 60.6272, -32.4700 looks on a white background.

Color Contrast Check

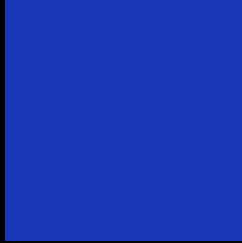
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.0240, 60.6272, -32.4700 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 60.0240, 60.6272, -32.4700

Background



This preview shows how black text looks on a background with the YUV color 60.0240, 60.6272, -32.4700.



This preview shows how white text looks on a background with the YUV color 60.0240, 60.6272,

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

60.0240, 60.6272, -32.4700

Protanopia

56.9190, 42.9309, -49.9180

Deuteranopia

56.8730, 32.6006, -49.8776



Tritanopia

55.8350, 13.3923, -48.9673

Trichromacy



Original Color

60.0240, 60.6272, -32.4700

Protanomaly

57.9720, 49.3138, -43.8254

Deuteranomaly

57.6640, 43.0566, -43.5553

Tritanomaly

57.0480, 30.5423, -43.0151

Monochromacy



Original Color

60.0240, 60.6272, -32.4700

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0690, 22.1510, -11.4615

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.0240, 60.6272, -32.4700 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(23, 55, 183)` looks like.

```
.text, #text, p{  
    color:rgb(23, 55, 183)  
}
```

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(23, 55, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 55, 183) }
```

Border

The CSS property to change the border of an element to YUV 60.0240, 60.6272, -32.4700 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(23, 55, 183) }
```


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

```
.border{ border-color:rgb(23, 55, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 55, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 55, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 55, 183);  
box-shadow:4px 4px 4px 4px rgb(23, 55,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 60.0240, 60.6272, -32.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 55, 183) }
```

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

```
.background{ background-color: rgb(23, 55,  
183) }
```

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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