

Converting Colors

YUV(103.2110, 50.1820,
-42.2810)

Have a look what the booklet for
YUV(103.2110, 50.1820, -42.2810)
contains.

YUV(103.2110, 50.1820, -42.2810)	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>	30

Color

**YUV(103.2110, 50.1820,
-42.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	376CCD
RGB	55, 108, 205
RGB Percent	22%, 42%, 80%
CMY	0.7843, 0.5765, 0.1961
CMYK	0.73, 0.47, 0.00, 0.20
HSL	219°, 60%, 51%
HSV	219°, 73%, 80%
XYZ	17.9576, 15.9451, 59.8889
YIQ	103.2110, -62.7250, 18.9310

Conversions

Conversions Part 2

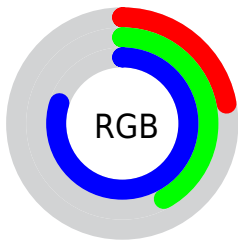
Format	Color
RYB	55, 94, 205
Decimal	3632333
CIELab	46.90, 15.77, -55.41
CIElCh	47, 57.616, 285.890
Yxy	15.9451, 0.1915, 0.1700
Android (android.graphics.Color)	4281822413 (0xFF376CCD)
YUV	103.2110, 50.1820, -42.2810
Hunter-Lab	39.9314, 10.3935, -60.9709

Details

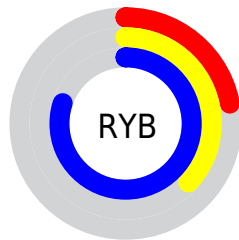
The YUV color **103.2110, 50.1820, -42.2810** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **156.7890, -50.1820, 42.2810**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2830, 47.6815, -33.5742**, and **53.4940, 47.5775, -46.9142** is the 20% darker color. If you saturate the color by 10%, you get **89.6000, 56.8922, -47.8842**, and if you desaturate by 10%, it is **117.1210, 43.3243, -36.0631**.

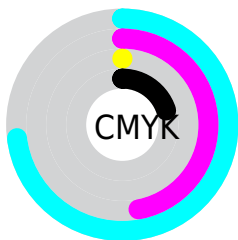
Distribution



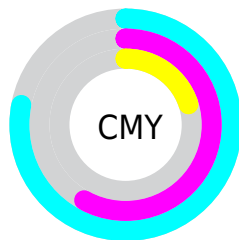
- Red (22%)
- Green (42%)
- Blue (80%)



- Red (22%)
- Yellow (37%)
- Blue (80%)



- Cyan (73%)
- Magenta (47%)
- Yellow (0%)
- Black (20%)



- Cyan (78%)
- Magenta (58%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.2110, 50.1820, -42.2810 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 103.2110, 50.1820, -42.2810 by changing the saturation by 10% instead.

■ 103.2110, 50.1820,
-42.2810

■ 103.2110, 50.1820,
-42.2810

■ 255.0000, 0.0000,
0.0000

■ 69.4860, 53.0044,
-60.9392

■ 158.2830, 47.6815,
-33.5742

■ 53.4940, 47.5775,
-46.9142

■ 183.1020, 35.4457,
-29.0305

■ 38.2030, 42.2979,
-33.5040

■ 207.9210, 23.2099,
-24.4867

■ 24.0860, 36.4396,
-21.1234

■ 233.3270, 10.6848,
-20.4578

■ 12.4310, 29.8605,
-10.9020

■ 250.8140, 2.0637,
-8.6069

■ 8.0480, 20.6823,
-7.0581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 103.2110, 50.1820,
-42.2810

■ 103.2110, 50.1820,
-42.2810

■ 89.6000, 56.8922,
-47.8842

■ 117.1210, 43.3243,
-36.0631

■ 75.1030, 64.0392,
-53.5873

■ 131.3190, 36.3247,
-30.9748

■ 65.6340, 68.7074,
-57.5610

■ 145.2290, 29.4671,
-24.7568

■ 158.8400, 22.7569,
-19.1537

■ 172.7500, 15.8993,
-12.9358

■ 186.9480, 8.8996,
-7.8474

■ 200.8580, 2.0420,
-1.6295

■ 214.4690, -4.6682,
3.9737

■ 228.3790,
-11.5258, 10.1916

Harmonies

Analogous

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



95.5710, 53.9485, -83.8158



103.2110, 50.1820, -42.2810



114.2430, 31.9252, 26.9739

Triad

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



103.2110, 50.1820, -42.2810



106.2910, -31.2025, 68.1508



87.2880, -0.6350, -76.5516

Complementary

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



103.2110, 50.1820, -42.2810



156.7890, -50.1820, 42.2810

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.



93.7170, -27.9615, -38.3398



103.2110, 50.1820, -42.2810



105.0340, -51.7818, 42.0662

Square

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



103.2110, 50.1820, -42.2810



104.7420, -8.2538, 80.9103



101.5690, -50.0735, 7.3940



93.5750, 20.9155, -82.0653

Rectangle

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



103.2110, 50.1820, -42.2810



111.6290, 19.9029, 56.4534



101.5690, -50.0735, 7.3940



84.7630, -7.7712, -74.3372

Sweetspot

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



103.2110, 50.1820, -42.2810



217.1240, 18.6729, -15.8947



153.8800, -1.9128, -86.7178



104.9200, 11.3784, -9.5768



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.



103.2110, 50.1820, -42.2810



102.9090, 74.9809, -63.0642



78.0800, 62.5716, -2.7012



94.9010, 3.4998, -2.5442



53.5570, 55.4344, -46.9695



12.5500, 12.5468, -11.0064

Inverse Universe

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



105.8920, 1.0392, 86.9177



106.9820, 1.4879, 129.8118



181.9200, -62.5716, 2.7012



95.3320, -0.1637, 5.8478



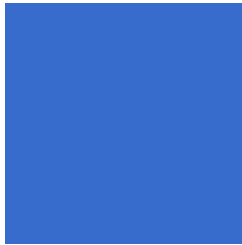
56.3600, 1.3015, 96.1543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 103.2110, 50.1820, -42.2810 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 × Fail

Black Background



This preview shows how the YUV color 103.2110, 50.1820, -42.2810 looks on a black 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

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

YUV 103.2110, 50.1820, -42.2810

Background



This preview shows how black text looks on a background with the YUV color 103.2110, 50.1820, -42.2810.



This preview shows how white text looks on a background with the YUV color 103.2110, 50.1820, -42.2810.

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

103.2110, 50.1820, -42.2810

Protanopia

104.3040, 49.1501, -37.9776

Tritanopia

87.2490, 22.0622, -76.5174

Trichromacy



Original Color

103.2110, 50.1820, -42.2810

Protanomaly

103.7060, 49.4449, -39.2072

Tritanomaly

93.3720, 32.3546, -64.3472

Monochromacy



Original Color

103.2110, 50.1820, -42.2810

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.3090, 18.0887, -15.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2110, 50.1820, -42.2810 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(55, 108, 205)` looks like.

```
.text, #text, p{  
    color:rgb(55, 108, 205)  
}
```

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(55, 108, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 108, 205) }
```

Border

The CSS property to change the border of an element to YUV 103.2110, 50.1820, -42.2810 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(55, 108, 205) }
```

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

```
.border{ border-color:rgb(55, 108, 205) }
```

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

Here you see how a box with a 4 pixel rgb(55, 108, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 108, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 108, 205);  
box-shadow:4px 4px 4px 4px rgb(55, 108,  
205) }
```


Background

The CSS property to change the background color of an element to YUV 103.2110, 50.1820, -42.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 108, 205) }
```

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

```
.background{ background-color: rgb(55, 108,  
205) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor