

Converting Colors

YUV(113.0220, 50.2752,
-25.4523)

Have a look what the booklet for
YUV(113.0220, 50.2752, -25.4523)
contains.

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Color

**YUV(113.0220, 50.2752,
-25.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	546CD7
RGB	84, 108, 215
RGB Percent	33%, 42%, 84%
CMY	0.6706, 0.5765, 0.1569
CMYK	0.61, 0.50, 0.00, 0.16
HSL	229°, 62%, 59%
HSV	229°, 61%, 84%
XYZ	21.2845, 17.5162, 66.5491
YIQ	113.0220, -48.6510, 28.1890

Conversions

Conversions Part 2

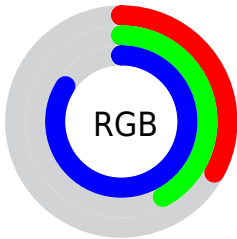
Format	Color
R _Y B	84, 104, 215
Decimal	5532887
CIE Lab	48.90, 23.87, -57.83
CIE LCh	49, 62.560, 292.431
Yxy	17.5162, 0.2020, 0.1663
Android (android.graphics.Color)	4283722967 (0xFF546CD7)
YUV	113.0220, 50.2752, -25.4523
Hunter-Lab	41.8524, 17.5363, -64.9798

Details

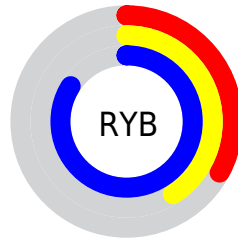
The YUV color **113.0220, 50.2752, -25.4523** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **185.9780, -50.2752, 25.4523**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4590, 44.1437, -18.8195**, and **53.9330, 51.7980, -47.2992** is the 20% darker color. If you saturate the color by 10%, you get **96.1770, 58.5797, -29.0962**, and if you desaturate by 10%, it is **130.1660, 41.8232, -21.1936**.

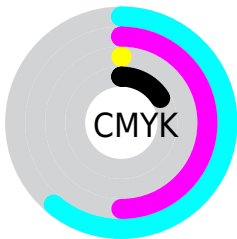
Distribution



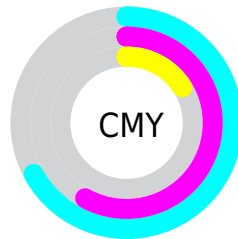
- Red (33%)
- Green (42%)
- Blue (84%)



- Red (33%)
- Yellow (41%)
- Blue (84%)



- Cyan (61%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0220, 50.2752, -25.4523 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 113.0220, 50.2752, -25.4523 by changing the saturation by 10% instead.

■ 113.0220, 50.2752,
-25.4523

■ 113.0220, 50.2752,
-25.4523

255.0000, 0.0000,
0.0000

■ 85.5760, 50.0020,
-31.2002

■ 165.4590, 44.1437,
-18.8195

■ 53.9330, 51.7980,
-47.2992

■ 190.2780, 31.9079,
-14.2758

■ 38.6420, 46.5185,
-33.8890

■ 215.3850, 19.5302,
-10.8616

■ 24.5250, 40.6602,
-21.5084

■ 240.7910, 7.0050,
-6.8327

■ 9.3480, 35.8174,
-8.1982

■ 9.5470, 23.8873,
-8.3727

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 113.0220, 50.2752,
-25.4523

■ 113.0220, 50.2752,
-25.4523

■ 96.1770, 58.5797,
-29.0962

■ 130.1660, 41.8232,
-21.1936

■ 79.6200, 66.7423,
-33.8697

■ 146.4240, 33.8080,
-17.0348

■ 62.7750, 75.0469,
-37.5137

■ 163.5680, 25.3560,
-12.7761

■ 47.4030, 82.6253,
-41.5724

■ 179.8260, 17.3408,
-8.6174

■ 196.9700, 8.8888,
-4.3587

■ 213.2280, 0.8736,
-0.2000

■ 230.3720, -7.5784,
4.0588

■ 246.3310,
-15.4462, 7.6027

■ 250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



99.8570, 60.2165, -87.5746



113.0220, 50.2752, -25.4523



118.5160, 31.2976, 41.6435

Triad

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



113.0220, 50.2752, -25.4523



110.4130, -39.6436, 68.9208



93.1070, 3.8912, -81.6548

Complementary

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



113.0220, 50.2752, -25.4523



185.9780, -50.2752, 25.4523

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.



88.3760, -20.8914, -66.1048



113.0220, 50.2752, -25.4523



109.1320, -53.8021, 36.7182

Square

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



113.0220, 50.2752, -25.4523



108.1790, -14.3852, 87.5430



103.8730, -51.2094, -1.6426



99.8500, 27.1890, -87.5684

Rectangle

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



113.0220, 50.2752, -25.4523



113.1470, 17.6755, 70.9081



103.8730, -51.2094, -1.6426



90.3540, -4.1185, -79.2405

Sweetspot

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



113.0220, 50.2752, -25.4523



219.5270, 17.4882, -9.2322



173.0950, 8.8272, -78.1363



105.8280, 10.9308, -5.9882



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.



113.0220, 50.2752, -25.4523



110.1620, 71.4051, -36.0991



111.1930, 51.1769, 12.1087



98.4280, 4.2260, -2.1294



37.6910, 65.7213, -33.0550



9.5980, 16.4672, -8.4174

Inverse Universe

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



125.9050, -8.8272, 78.1363



128.4900, -12.5666, 110.9493



187.8070, -51.1769, -12.1087



99.5170, -0.7479, 6.5626



54.6630, -11.6659, 102.0275



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 113.0220, 50.2752, -25.4523 looks on a white background.

Color Contrast Check

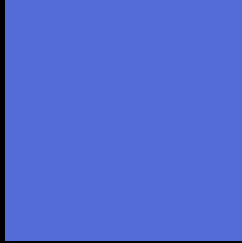
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.0220, 50.2752, -25.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

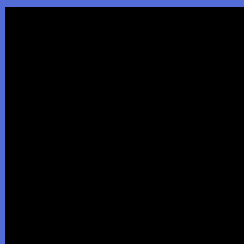
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.0220, 50.2752, -25.4523

Background



This preview shows how black text looks on a background with the YUV color 113.0220, 50.2752, -25.4523.



This preview shows how white text looks on a background with the YUV color 113.0220, 50.2752, -25.4523.

-25.4523.

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

113.0220, 50.2752, -25.4523

Protanopia

107.7530, 54.8448, -44.5104

Deuteranopia

92.9780, 56.7058, -81.5417



Tritanopia

104.2200, 16.1605, -50.1819

Trichromacy



Original Color

113.0220, 50.2752, -25.4523

Protanomaly

110.0420, 53.2233, -37.7478

Deuteranomaly

100.2410, 54.6042, -60.7244

Tritanomaly

107.1900, 28.5003, -41.3856

Monochromacy



Original Color

113.0220, 50.2752, -25.4523

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7550, 18.3618, -9.4321

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0220, 50.2752, -25.4523 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(84, 108, 215)` looks like.

```
.text, #text, p{  
    color:rgb(84, 108, 215)  
}
```

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(84, 108, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 108, 215) }
```

Border

The CSS property to change the border of an element to YUV 113.0220, 50.2752, -25.4523 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(84, 108, 215) }
```


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

```
.border{ border-color:rgb(84, 108, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 108, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 108, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 108, 215);  
box-shadow:4px 4px 4px 4px rgb(84, 108,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 113.0220, 50.2752, -25.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 108, 215) }
```

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

```
.background{ background-color: rgb(84, 108,  
215) }
```

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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