

Converting Colors

YUV(113.6090, 26.3218,
-42.6301)

Have a look what the booklet for
YUV(113.6090, 26.3218, -42.6301)
contains.

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Color

**YUV(113.6090, 26.3218,
-42.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	4180A7
RGB	65, 128, 167
RGB Percent	25%, 50%, 65%
CMY	0.7451, 0.4980, 0.3451
CMYK	0.61, 0.23, 0.00, 0.35
HSL	203°, 44%, 45%
HSV	203°, 61%, 65%
XYZ	16.8742, 19.3522, 39.4052
YIQ	113.6090, -50.0670, -1.2270

Conversions

Conversions Part 2

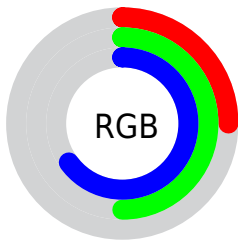
Format	Color
R _Y B	65, 104, 167
Decimal	4292775
CIE Lab	51.10, -8.19, -26.84
CIE LCh	51, 28.065, 253.025
Yxy	19.3522, 0.2231, 0.2559
Android (android.graphics.Color)	4282482855 (0xFF4180A7)
YUV	113.6090, 26.3218, -42.6301
Hunter-Lab	43.9911, -8.5151, -22.3154

Details

The YUV color **113.6090, 26.3218, -42.6301** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **118.3910, -26.3218, 42.6301**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0330, 26.6057, -40.3709**, and **59.4830, 27.3699, -52.1666** is the 20% darker color. If you saturate the color by 10%, you get **105.0040, 30.5640, -49.9925**, and if you desaturate by 10%, it is **122.2140, 22.0795, -35.2677**.

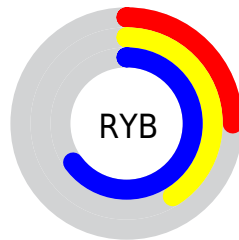
Distribution



Red (25%)

Green (50%)

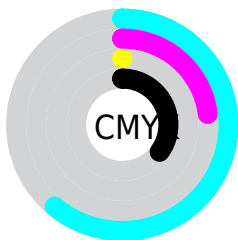
Blue (65%)



Red (25%)

Yellow (41%)

Blue (65%)

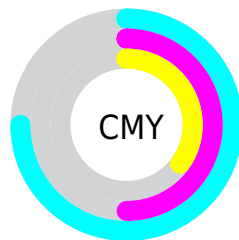


Cyan (61%)

Magenta (23%)

Yellow (0%)

Black (35%)



Cyan (75%)

Magenta (50%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6090, 26.3218, -42.6301 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 113.6090, 26.3218, -42.6301 by changing the saturation by 10% instead.

■ 113.6090, 26.3218,
-42.6301

■ 113.6090, 26.3218,
-42.6301

■ 255.0000, 0.0000,
0.0000

■ 86.2880, 26.4800,
-46.7336

■ 168.0330, 26.6057,
-40.3709

■ 59.4830, 27.3699,
-52.1666

■ 195.5600, 27.3319,
-39.9561

■ 43.1320, 23.1059,
-37.8268

■ 220.8240, 16.8488,
-37.5566

■ 28.0690, 18.7000,
-24.6165

■ 240.6480, 7.0755,
-29.5093

■ 11.4730, 16.0358,
-10.0618

■ 249.3190, 2.8007,
-11.6808

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 113.6090, 26.3218,
-42.6301

■ 113.6090, 26.3218,
-42.6301

■ 105.0040, 30.5640,
-49.9925

■ 122.2140, 22.0795,
-35.2677

■ 96.1110, 34.9483,
-56.2253

■ 131.1070, 17.6952,
-29.0348

■ 87.5060, 39.1905,
-63.5878

■ 139.7120, 13.4530,
-21.6724

■ 79.4990, 43.1380,
-69.7206

■ 148.9040, 8.9213,
-14.8248

■ 157.2100, 4.8265,
-8.0772

■ 165.8150, 0.5842,
-0.7148

■ 175.0070, -3.9475,
6.1329

■ 183.6120, -8.1897,
13.4953

■ 191.9180,
-12.2846, 20.2429

Harmonies

Analogous

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



105.1950, 24.0609, -64.1920



113.6090, 26.3218, -42.6301



120.9870, 23.1774, -14.0206

Triad

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



113.6090, 26.3218, -42.6301



123.7600, -5.7977, 39.6755



116.3130, -14.9443, -13.4295

Complementary

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



113.6090, 26.3218, -42.6301



118.3910, -26.3218, 42.6301

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.



119.1970, -22.2821, 6.8432



113.6090, 26.3218, -42.6301



122.6920, -16.1172, 36.2271

Square

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



113.6090, 26.3218, -42.6301



124.9790, 5.4334, 30.7134



121.6060, -22.4838, 24.9015



112.0850, -2.5069, -36.0315

Rectangle

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



113.6090, 26.3218, -42.6301



124.2450, 18.6132, 3.2931



121.6060, -22.4838, 24.9015



117.2600, -17.8762, -6.3670

Sweetspot

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



113.6090, 26.3218, -42.6301



196.5340, 10.0897, -16.2543



129.0920, -13.3564, -56.2087



96.9540, 6.4317, -9.6067



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



113.6090, 26.3218, -42.6301



133.9510, 40.9432, -65.7320



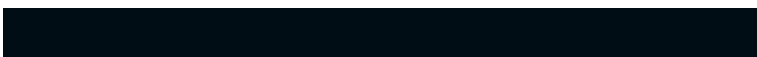
84.8460, 40.5019, -17.4049



79.8470, 2.0474, -3.3738



70.2890, 38.3115, -61.6435



9.9110, 4.9739, -8.6919

Inverse Universe

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



102.6800, 12.4828, 56.4086



117.3000, 19.0791, 87.4369



147.1540, -40.5019, 17.4049



78.9620, 1.0047, 4.4183



54.6260, 17.9324, 81.8890



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 113.6090, 26.3218, -42.6301 looks on a white background.

Color Contrast Check

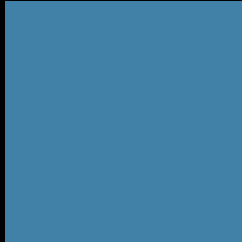
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.6090, 26.3218, -42.6301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

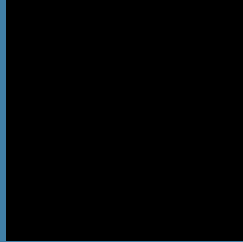
Any Text WCAG AA ✓ Pass

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 113.6090, 26.3218, -42.6301 Background



This preview shows how black text looks on a background with the YUV color 113.6090, 26.3218, -42.6301.

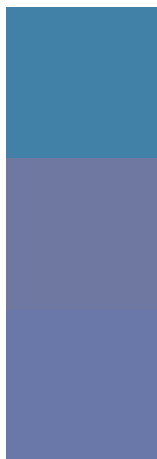


This preview shows how white text looks on a background with the YUV color 113.6090, 26.3218, -42.6301.

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

113.6090, 26.3218, -42.6301

Protanopia

121.6840, 19.3828, -10.2469

Deuteranopia

121.1010, 23.6142, -14.1206



Tritanopia

109.9320, 16.3025, -49.0524

Trichromacy



Original Color

113.6090, 26.3218, -42.6301

Protanomaly

118.8890, 21.7467, -21.8277

Deuteranomaly

118.2630, 24.5203, -24.7867

Tritanomaly

111.5670, 19.9335, -46.9783

Monochromacy



Original Color

113.6090, 26.3218, -42.6301

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7190, 9.5055, -15.5396

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6090, 26.3218, -42.6301 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(65, 128, 167)` looks like.

```
.text, #text, p{  
    color:rgb(65, 128, 167)  
}
```

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(65, 128, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 128, 167) }
```

Border

The CSS property to change the border of an element to YUV 113.6090, 26.3218, -42.6301 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(65, 128, 167) }
```


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

```
.border{ border-color:rgb(65, 128, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 128, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 128, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 128, 167);  
box-shadow:4px 4px 4px 4px rgb(65, 128,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 113.6090, 26.3218, -42.6301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 128, 167) }
```

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

```
.background{ background-color: rgb(65, 128,  
167) }
```

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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