

Converting Colors

YUV(116.0260, 20.6932,
-10.5468)

Have a look what the booklet for
YUV(116.0260, 20.6932, -10.5468)
contains.

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Color

**YUV(116.0260, 20.6932,
-10.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	68729E
RGB	104, 114, 158
RGB Percent	41%, 45%, 62%
CMY	0.5922, 0.5529, 0.3804
CMYK	0.34, 0.28, 0.00, 0.38
HSL	229°, 22%, 51%
HSV	229°, 34%, 62%
XYZ	17.8978, 17.4463, 34.7719
YIQ	116.0260, -20.0840, 11.5640

Conversions

Conversions Part 2

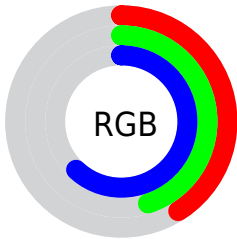
Format	Color
R_{YB}	104, 112, 158
Decimal	6845086
CIE _{Lab}	48.82, 7.20, -24.95
CIE _{LCh}	49, 25.970, 286.099
Yxy	17.4463, 0.2553, 0.2488
Android (android.graphics.Color)	4285035166 (0xFF68729E)
YUV	116.0260, 20.6932, -10.5468
Hunter-Lab	41.7688, 3.3913, -20.1199

Details

The YUV color **116.0260, 20.6932, -10.5468** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **145.9740, -20.6932, 10.5468**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6670, 21.8562, -10.2320**, and **66.9720, 19.2408, -11.3764** is the 20% darker color. If you saturate the color by 10%, you get **103.6110, 26.8138, -13.6908**, and if you desaturate by 10%, it is **128.4410, 14.5726, -7.4028**.

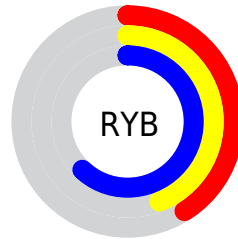
Distribution



Red (41%)

Green (45%)

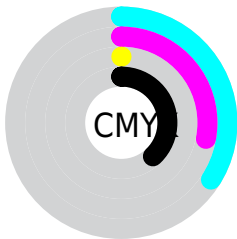
Blue (62%)



Red (41%)

Yellow (44%)

Blue (62%)

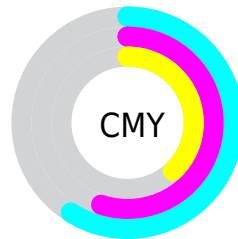


Cyan (34%)

Magenta (28%)

Yellow (0%)

Black (38%)



Cyan (59%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0260, 20.6932, -10.5468 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 116.0260, 20.6932, -10.5468 by changing the saturation by 10% instead.

■ 116.0260, 20.6932,
-10.5468

■ 116.0260, 20.6932,
-10.5468

■ 255.0000, 0.0000,
0.0000

■ 91.4990, 19.9670,
-10.9616

■ 168.6670, 21.8562,
-10.2320

■ 66.9720, 19.2408,
-11.3764

■ 195.7810, 22.2930,
-10.3319

■ 44.1460, 18.6620,
-12.4060

■ 222.1850, 16.1778,
-8.9322

■ 21.4120, 18.5309,
-17.0243

■ 247.2920, 3.8000,
-5.5181

■ 4.8050, 15.8721,
-4.2140

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 116.0260, 20.6932,
-10.5468

■ 116.0260, 20.6932,
-10.5468

■ 103.6110, 26.8138,
-13.6908

■ 128.4410, 14.5726,
-7.4028

■ 91.1960, 32.9344,
-16.8349

■ 140.8560, 8.4520,
-4.2587

■ 79.0800, 38.9076,
-19.3642

■ 152.9720, 2.4788,
-1.7294

■ 67.2520, 44.7388,
-23.0230

■ 164.8000, -3.3524,
1.9294

■ 54.8370, 50.8594,
-26.1670

■ 177.2150, -9.4730,
5.0734

■ 42.4220, 56.9800,
-29.3111

■ 189.6300,
-15.5936, 8.2175

■ 35.0350, 60.6217,
-30.7257

■ 202.0450,
-21.7142, 11.3615

■ 214.1610,
-27.6874, 13.8908

■ 226.5760,
-33.8080, 17.0348

Harmonies

Analogous

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



109.6700, 23.8267, -35.6676



116.0260, 20.6932, -10.5468



118.7470, 13.9287, 12.4999

Triad

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



116.0260, 20.6932, -10.5468



116.7840, -15.6695, 32.6384



106.5520, -0.7651, -34.6871

Complementary

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



116.0260, 20.6932, -10.5468



145.9740, -20.6932, 10.5468

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.



110.5840, -12.6129, -14.5442



116.0260, 20.6932, -10.5468



115.3390, -20.8731, 21.6277

Square

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



116.0260, 20.6932, -10.5468



117.6240, -6.2236, 36.2868



113.1690, -19.8033, 5.1138



102.1720, 12.2402, -52.7708

Rectangle

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



116.0260, 20.6932, -10.5468



119.4020, 7.1968, 25.0804



113.1690, -19.8033, 5.1138



107.7440, -5.2968, -27.8395

Sweetspot

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



116.0260, 20.6932, -10.5468



190.7420, 8.0152, -4.1587



140.6000, 3.1552, -32.0982



94.6560, 5.0996, -2.3293



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



116.0260, 20.6932, -10.5468



141.0820, 32.4976, -16.7349



114.9400, 21.2286, 4.4376



73.0860, 2.9156, -1.8294



31.5640, 54.9379, -27.6816



3.4710, 5.6838, -3.0441

Inverse Universe

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



121.2860, -3.5920, 32.1982



149.2390, -5.5408, 50.6564



147.0600, -21.2286, -4.4376



73.6200, -0.3057, 4.7183



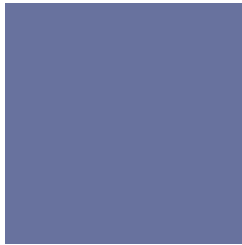
45.7210, -9.7225, 85.3137



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 116.0260, 20.6932, -10.5468 looks on a white background.

Color Contrast Check

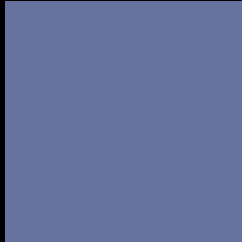
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0260, 20.6932, -10.5468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

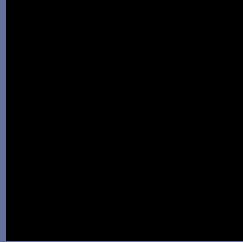
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

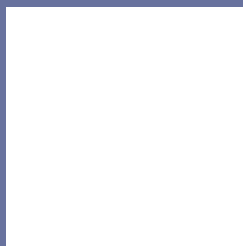
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.0260, 20.6932, -10.5468

Background



This preview shows how black text looks on a background with the YUV color 116.0260, 20.6932, -10.5468.



This preview shows how white text looks on a background with the YUV color 116.0260, 20.6932, -10.5468.

-10.5468.

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

116.0260, 20.6932, -10.5468

Protanopia

115.7270, 20.8406, -11.1616

Deuteranopia

115.7270, 20.8406, -11.1616



Tritanopia

113.5620, 7.6109, -14.5249

Trichromacy



Original Color

116.0260, 20.6932, -10.5468

Protanomaly

115.7270, 20.8406, -11.1616

Deuteranomaly

115.7270, 20.8406, -11.1616

Tritanomaly

114.5390, 12.5523, -12.7507

Monochromacy



Original Color

116.0260, 20.6932, -10.5468

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9270, 7.4310, -3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0260, 20.6932, -10.5468 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(104, 114, 158)` looks like.

```
.text, #text, p{  
    color:rgb(104, 114, 158)  
}
```

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(104, 114, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 114, 158) }
```

Border

The CSS property to change the border of an element to YUV 116.0260, 20.6932, -10.5468 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(104, 114, 158) }
```


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

```
.border{ border-color:rgb(104, 114, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 114, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 114, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 114, 158);  
box-shadow:4px 4px 4px 4px rgb(104, 114,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 116.0260, 20.6932, -10.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 114, 158) }
```

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

```
.background{ background-color: rgb(104,  
114, 158) }
```

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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