

Converting Colors

YUV(116.5800, 20.4201,
-16.2947)

Have a look what the booklet for
YUV(116.5800, 20.4201, -16.2947)
contains.

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Color

**YUV(116.5800, 20.4201,
-16.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	62769E
RGB	98, 118, 158
RGB Percent	38%, 46%, 62%
CMY	0.6157, 0.5373, 0.3804
CMYK	0.38, 0.25, 0.00, 0.38
HSL	220°, 24%, 50%
HSV	220°, 38%, 62%
XYZ	17.6870, 18.0222, 34.8942
YIQ	116.5800, -24.7600, 8.2000

Conversions

Conversions Part 2

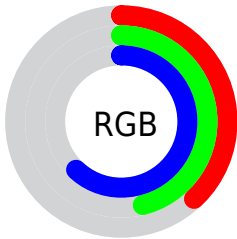
Format	Color
R_{YB}	98, 113, 158
Decimal	6452894
CIE _{Lab}	49.52, 3.03, -23.89
CIE _{LCh}	50, 24.086, 277.230
Yxy	18.0222, 0.2505, 0.2553
Android (android.graphics.Color)	4284642974 (0xFF62769E)
YUV	116.5800, 20.4201, -16.2947
Hunter-Lab	42.4525, 0.0766, -19.0171

Details

The YUV color **116.5800, 20.4201, -16.2947** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.4200, -20.4201, 16.2947**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2210, 21.5830, -15.9798**, and **67.5260, 18.9677, -17.1243** is the 20% darker color. If you saturate the color by 10%, you get **105.3390, 25.9619, -20.4683**, and if you desaturate by 10%, it is **127.8210, 14.8782, -12.1210**.

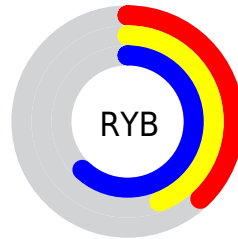
Distribution



Red (38%)

Green (46%)

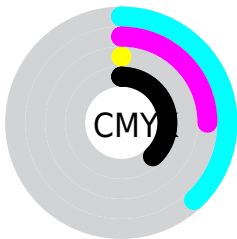
Blue (62%)



Red (38%)

Yellow (44%)

Blue (62%)

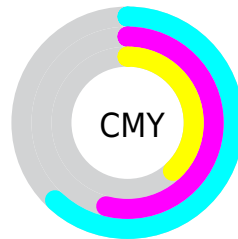


Cyan (38%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (62%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5800, 20.4201, -16.2947 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 116.5800, 20.4201, -16.2947 by changing the saturation by 10% instead.

■ 116.5800, 20.4201,
-16.2947

■ 116.5800, 20.4201,
-16.2947

255.0000, 0.0000,
0.0000

■ 91.4660, 19.9833,
-16.1947

■ 169.2210, 21.5830,
-15.9798

■ 67.5260, 18.9677,
-17.1243

■ 196.3350, 22.0198,
-16.0798

■ 44.1020, 18.6837,
-19.3835

■ 222.7390, 15.9047,
-14.6801

■ 22.5750, 17.9575,
-19.7983

■ 248.1340, 3.3849,
-12.3955

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 116.5800, 20.4201,
-16.2947

■ 116.5800, 20.4201,
-16.2947

■ 105.3390, 25.9619,
-20.4683

■ 127.8210, 14.8782,
-12.1210

■ 94.6850, 31.2143,
-25.1567

■ 138.4750, 9.6258,
-7.4326

■ 83.7430, 36.6087,
-28.7156

■ 149.4170, 4.2314,
-3.8737

■ 73.0890, 41.8611,
-33.4041

■ 160.0710, -1.0210,
0.8147

■ 61.8480, 47.4029,
-37.5777

■ 171.3120, -6.5628,
4.9884

■ 51.1940, 52.6554,
-42.2661

■ 181.9660,
-11.8152, 9.6768

■ 49.1230, 53.6764,
-43.0809

■ 193.2070,
-17.3571, 13.8505

■ 203.5620,
-22.4621, 17.9241

■ 214.8030,
-28.0039, 22.0978

Harmonies

Analogous

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



110.7900, 21.7955, -37.5268



116.5800, 20.4201, -16.2947



120.2300, 14.6766, 5.9373

Triad

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



116.5800, 20.4201, -16.2947



118.9950, -12.3225, 32.4534



110.8690, -4.8654, -26.1951

Complementary

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



116.5800, 20.4201, -16.2947



139.4200, -20.4201, 16.2947

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.



113.8730, -14.2344, -7.7816



116.5800, 20.4201, -16.2947



117.7460, -18.1158, 23.9018

Square

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



116.5800, 20.4201, -16.2947



119.9980, -3.4500, 33.3278



116.0170, -19.2354, 9.6321



106.9730, 7.4083, -42.9493

Rectangle

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



116.5800, 20.4201, -16.2947



120.6400, 9.5445, 18.7327



116.0170, -19.2354, 9.6321



111.9900, -8.3761, -20.1622

Sweetspot

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



116.5800, 20.4201, -16.2947



190.7310, 8.0206, -5.9031



137.7800, 0.1085, -34.8871



94.9440, 4.9576, -3.4589



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.



116.5800, 20.4201, -16.2947



141.0270, 32.5247, -25.4567



107.8300, 24.7338, 0.1491



73.6730, 2.6262, -2.3442



44.4780, 48.5713, -39.0072



4.6450, 5.1050, -4.0737

Inverse Universe

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



118.2200, -0.1085, 34.8871



143.9390, -0.4629, 55.3045



148.1700, -24.7338, -0.1491



73.7340, 0.1311, 4.6183



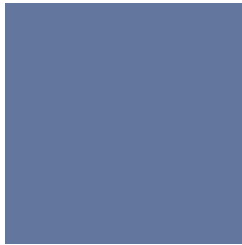
48.2290, -0.1129, 83.1142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 116.5800, 20.4201, -16.2947 looks on a white background.

Color Contrast Check

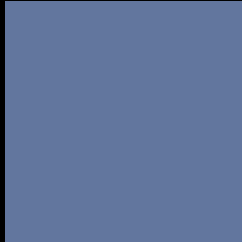
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.5800, 20.4201, -16.2947 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

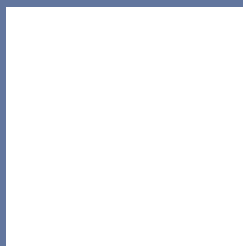
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.5800, 20.4201, -16.2947

Background



This preview shows how black text looks on a background with the YUV color 116.5800, 20.4201, -16.2947.



This preview shows how white text looks on a background with the YUV color 116.5800, 20.4201, -16.2947.

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

116.5800, 20.4201, -16.2947

Protanopia

117.6840, 19.3828, -10.2469

Deuteranopia

117.7980, 19.8196, -10.3468



Tritanopia

114.8710, 8.9376, -20.0579

Trichromacy



Original Color

116.5800, 20.4201, -16.2947

Protanomaly

117.3740, 19.5356, -12.6060

Deuteranomaly

117.4880, 19.9724, -12.7060

Tritanomaly

115.3210, 13.1527, -18.6985

Monochromacy



Original Color

116.5800, 20.4201, -16.2947

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6170, 7.5838, -5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5800, 20.4201, -16.2947 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(98, 118, 158)` looks like.

```
.text, #text, p{  
    color:rgb(98, 118, 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(98, 118, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 118, 158) }
```

Border

The CSS property to change the border of an element to YUV 116.5800, 20.4201, -16.2947 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(98, 118, 158) }
```


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

```
.border{ border-color:rgb(98, 118, 158) }
```

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

Here you see how a box with a 4 pixel rgb(98, 118, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 118, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 118, 158);  
box-shadow:4px 4px 4px 4px rgb(98, 118,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 116.5800, 20.4201, -16.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 118, 158) }
```

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

```
.background{ background-color: rgb(98, 118,  
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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