

Converting Colors

YUV(115.3140, 20.5512,
-11.6764)

Have a look what the booklet for
YUV(115.3140, 20.5512, -11.6764)
contains.

YUV(115.3140, 20.5512, -11.6764)	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>	31

Color

**YUV(115.3140, 20.5512,
-11.6764)**

Conversions

Conversions Part 1

Format	Color
Hex	66729D
RGB	102, 114, 157
RGB Percent	40%, 45%, 62%
CMY	0.6000, 0.5529, 0.3843
CMYK	0.35, 0.27, 0.00, 0.38
HSL	227°, 22%, 51%
HSV	227°, 35%, 62%
XYZ	17.5826, 17.2937, 34.3096
YIQ	115.3140, -20.9550, 10.8290

Conversions

Conversions Part 2

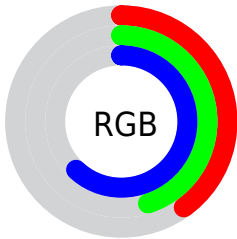
Format	Color
R_{YB}	102, 112, 157
Decimal	6714013
CIE _{Lab}	48.63, 6.33, -24.67
CIE _{LCh}	49, 25.468, 284.383
Yxy	17.2937, 0.2541, 0.2500
Android (android.graphics.Color)	4284904093 (0xFF66729D)
YUV	115.3140, 20.5512, -11.6764
Hunter-Lab	41.5857, 2.6955, -19.8062

Details

The YUV color **115.3140, 20.5512, -11.6764** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.6860, -20.5512, 11.6764**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9550, 21.7142, -11.3615**, and **66.2600, 19.0988, -12.5060** is the 20% darker color. If you saturate the color by 10%, you get **103.4860, 26.3824, -15.3352**, and if you desaturate by 10%, it is **127.1420, 14.7200, -8.0175**.

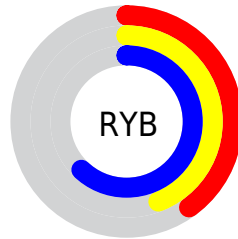
Distribution



Red (40%)

Green (45%)

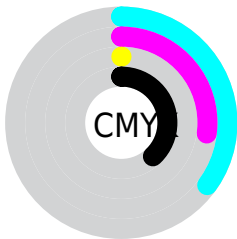
Blue (62%)



Red (40%)

Yellow (44%)

Blue (62%)

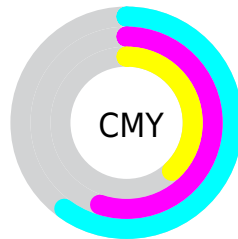


Cyan (35%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (60%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3140, 20.5512, -11.6764 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 115.3140, 20.5512, -11.6764 by changing the saturation by 10% instead.

■ 115.3140, 20.5512,
-11.6764

■ 115.3140, 20.5512,
-11.6764

■ 255.0000, 0.0000,
0.0000

■ 90.7870, 19.8250,
-12.0912

■ 167.9550, 21.7142,
-11.3615

■ 66.2600, 19.0988,
-12.5060

■ 195.0690, 22.1510,
-11.4615

■ 43.1350, 18.6674,
-14.1504

■ 221.5870, 16.4726,
-10.1618

■ 20.7000, 18.3889,
-18.1539

■ 246.3950, 4.2423,
-7.3624

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 115.3140, 20.5512,
-11.6764

■ 115.3140, 20.5512,
-11.6764

■ 103.4860, 26.3824,
-15.3352

■ 127.1420, 14.7200,
-8.0175

■ 91.3700, 32.3556,
-17.8645

■ 139.2580, 8.7468,
-5.4883

■ 79.5420, 38.1868,
-21.5233

■ 151.0860, 2.9156,
-1.8294

■ 67.7140, 44.0180,
-25.1822

■ 162.9140, -2.9156,
1.8294

■ 55.8860, 49.8492,
-28.8410

■ 174.7420, -8.7468,
5.4883

■ 43.7700, 55.8224,
-31.3703

■ 186.8580,
-14.7200, 8.0175

■ 37.8560, 58.7380,
-33.1997

■ 198.6860,
-20.5512, 11.6764

■ 210.5140,
-26.3824, 15.3352

■ 222.0430,
-32.0662, 18.3793

Harmonies

Analogous

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



109.1430, 23.1005, -36.0824



115.3140, 20.5512, -11.6764



118.0350, 13.7867, 11.3703

Triad

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



115.3140, 20.5512, -11.6764



116.3110, -14.9433, 33.0533



106.6340, -1.7916, -32.1280

Complementary

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



115.3140, 20.5512, -11.6764



143.6860, -20.5512, 11.6764

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.



110.4810, -13.0551, -12.6998



115.3140, 20.5512, -11.6764



114.8660, -20.1469, 22.0425

Square

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



115.3140, 20.5512, -11.6764



117.4390, -5.6394, 35.5720



112.8810, -19.6613, 6.2434



102.2540, 11.2138, -50.2118

Rectangle

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



115.3140, 20.5512, -11.6764



118.6190, 8.0758, 23.1361



112.8810, -19.6613, 6.2434



108.2280, -6.0284, -26.5100

Sweetspot

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



115.3140, 20.5512, -11.6764



186.8560, 8.4520, -4.2587



139.0730, 2.4290, -32.5130



92.2430, 4.8102, -2.8441



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



115.3140, 20.5512, -11.6764



138.9570, 32.0662, -18.3793



112.7550, 21.8128, 3.7229



73.0860, 2.9156, -1.8294



34.4990, 53.4910, -30.2556



3.4710, 5.6838, -3.0441

Inverse Universe

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



119.8130, -2.8658, 32.6130



145.8800, -4.3778, 50.9712



146.2450, -21.8128, -3.7229



73.6200, -0.3057, 4.7183



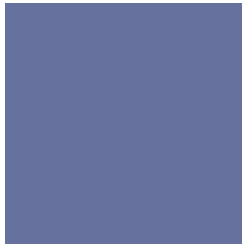
46.2910, -7.5385, 84.8138



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 115.3140, 20.5512, -11.6764 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 115.3140, 20.5512, -11.6764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

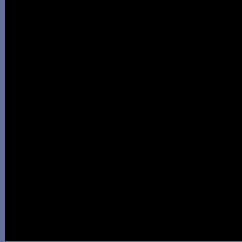
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

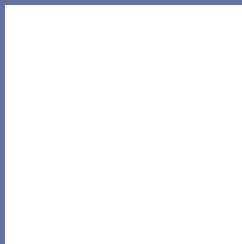
Any Text WCAG AAA × Fail

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

YUV 115.3140, 20.5512, -11.6764 Background



This preview shows how black text looks on a background with the YUV color 115.3140, 20.5512, -11.6764.



This preview shows how white text looks on a background with the YUV color 115.3140, 20.5512, -11.6764.

-11.6764.

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

115.3140, 20.5512, -11.6764

Protanopia

115.6130, 20.4038, -11.0616

Deuteranopia

115.6130, 20.4038, -11.0616



Tritanopia

113.2630, 7.7583, -15.1397

Trichromacy



Original Color

115.3140, 20.5512, -11.6764

Protanomaly

115.6130, 20.4038, -11.0616

Deuteranomaly

115.6130, 20.4038, -11.0616

Tritanomaly

113.8270, 12.4103, -13.8803

Monochromacy



Original Color

115.3140, 20.5512, -11.6764

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3140, 20.5512, -11.6764 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(102, 114, 157)` looks like.

```
.text, #text, p{  
    color:rgb(102, 114, 157)  
}
```

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(102, 114, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 114, 157) }
```

Border

The CSS property to change the border of an element to YUV 115.3140, 20.5512, -11.6764 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(102, 114, 157) }
```


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

```
.border{ border-color:rgb(102, 114, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 114, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 114, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 114, 157);  
box-shadow:4px 4px 4px 4px rgb(102, 114,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 115.3140, 20.5512, -11.6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 114, 157) }
```

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

```
.background{ background-color: rgb(102,  
114, 157) }
```

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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