

Converting Colors

YUV(91.7710, -2.8451, -20.8472)

Have a look what the booklet for
YUV(91.7710, -2.8451, -20.8472)
contains.

YUV(91.7710, -2.8451, -20.8472)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(91.7710, -2.8451,
-20.8472)**

Conversions

Conversions Part 1

Format	Color
Hex	446956
RGB	68, 105, 86
RGB Percent	27%, 41%, 34%
CMY	0.7333, 0.5882, 0.6627
CMYK	0.35, 0.00, 0.18, 0.59
HSL	149°, 21%, 34%
HSV	149°, 35%, 41%
XYZ	9.1152, 12.0040, 10.6407
YIQ	91.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

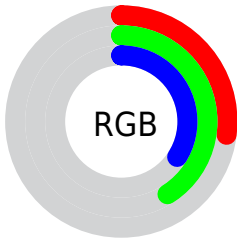
Format	Color
RYB	68, 93, 105
Decimal	4483414
CIELab	41.22, -17.78, 6.54
CIELCh	41, 18.947, 159.818
Yxy	12.0040, 0.2870, 0.3780
Android (android.graphics.Color)	4282673494 (0xFF446956)
YUV	91.7710, -2.8451, -20.8472
Hunter-Lab	34.6468, -13.6704, 6.0436

Details

The YUV color **91.7710, -2.8451, -20.8472** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.2290, 2.8451, 20.8472**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0590, -2.9871, -21.9767**, and **44.9990, -1.9715, -21.0471** is the 20% darker color. If you saturate the color by 10%, you get **88.2110, -3.5550, -26.4950**, and if you desaturate by 10%, it is **95.6300, -2.2826, -14.5845**.

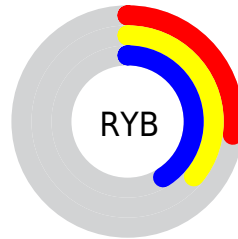
Distribution



Red (27%)

Green (41%)

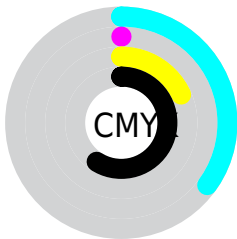
Blue (34%)



Red (27%)

Yellow (36%)

Blue (41%)

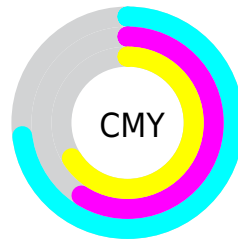


Cyan (35%)

Magenta (0%)

Yellow (18%)

Black (59%)



Cyan (73%)

Magenta (59%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7710, -2.8451, -20.8472 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 91.7710, -2.8451, -20.8472 by changing the saturation by 10% instead.

■ 91.7710, -2.8451,
-20.8472

■ 91.7710, -2.8451,
-20.8472

255.0000, 0.0000,
0.0000

■ 68.1840, -2.5557,
-20.3324

■ 142.0590, -2.9871,
-21.9767

■ 44.9990, -1.9715,
-21.0471

■ 168.6460, -3.2765,
-22.4915

■ 23.5260, -1.2453,
-20.6323

■ 196.2330, -3.5659,
-23.0063

■ 4.6960, -2.3151,
-4.1184

■ 224.2330, -3.5659,
-23.0063

■ 0.0000, 0.0000,
0.0000

■ 245.1890, -0.0932,
-16.8288

■ 91.7710, -2.8451,
-20.8472

■ 91.7710, -2.8451,
-20.8472

■ 88.2110, -3.5550,
-26.4950

■ 95.6300, -2.2826,
-14.5845

■ 84.2380, -4.5543,
-32.6577

■ 99.3040, -1.1359,
-9.0366

■ 80.6780, -5.2643,
-38.3056

■ 103.1630, -0.5734,
-2.7740

■ 76.7050, -6.2636,
-44.4683

■ 106.8370, 0.5734,
2.7740

■ 72.8460, -6.8261,
-50.7309

■ 110.3970, 1.2833,
8.4218

■ 69.2860, -7.5360,
-56.3788

■ 114.2560, 1.8458,
14.6845

■ 67.4490, -8.1094,
-59.1528

■ 118.2290, 2.8451,
20.8472

■ 121.7890, 3.5550,

26.4950

■ 125.7620, 4.5543,
32.6577

Harmonies

Analogous

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



93.9100, -10.3086, -6.9371



91.7710, -2.8451, -20.8472



89.6970, 6.0654, -32.1833

Triad

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



91.7710, -2.8451, -20.8472



96.9460, 15.3096, -10.4766



98.5210, -10.1169, 24.9761

Complementary

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



91.7710, -2.8451, -20.8472



81.2290, 2.8451, 20.8472

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.



99.3560, -3.1335, 25.1208



91.7710, -2.8451, -20.8472



98.9050, 10.8928, 6.2223

Square

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



91.7710, -2.8451, -20.8472



93.0750, 16.2320, -26.3758



99.5600, 4.1609, 18.8029



97.3260, -14.4577, 17.2541

Rectangle

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



91.7710, -2.8451, -20.8472



89.0540, 11.3124, -35.1274



99.5600, 4.1609, 18.8029



98.8030, -7.7909, 25.6058

Sweetspot

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



91.7710, -2.8451, -20.8472



132.6030, -1.2833, -8.4218



95.4000, -13.5082, -7.3668



65.7390, -0.8573, -5.0331



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



91.7710, -2.8451, -20.8472



117.2380, -4.5543, -32.6577



93.8230, 5.0173, -22.6468



51.8640, -0.4260, -3.3887



75.1770, -8.9613, -65.9302



157.3810, -18.9218, -138.0231

Inverse Universe

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



81.2290, 2.8451, 20.8472



100.7620, 4.5543, 32.6577



79.1770, -5.0173, 22.6468



50.1360, 0.4260, 3.3887



41.8230, 8.9613, 65.9302



87.6190, 18.9218, 138.0231

Previews

White Background



This preview shows how the YUV color 91.7710, -2.8451, -20.8472 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 91.7710, -2.8451, -20.8472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

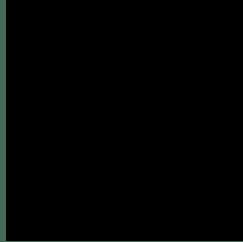
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7710, -2.8451, -20.8472

Background



This preview shows how black text looks on a background with the YUV color 91.7710, -2.8451, -20.8472.



This preview shows how white text looks on a background with the YUV color 91.7710, -2.8451,

-20.8472.

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

91.7710, -2.8451, -20.8472

Protanopia

96.7850, -7.2890, 4.5736

Deuteranopia

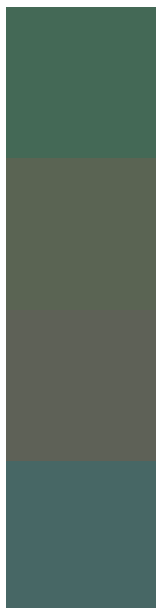
97.2140, -4.5425, 10.3363



Tritanopia

94.2410, 7.7692, -18.6284

Trichromacy



Original Color

91.7710, -2.8451, -20.8472

Protanomaly

95.0720, -5.9515, -4.4481

Deuteranomaly

94.9630, -3.9258, -0.8446

Tritanomaly

93.2040, 3.8434, -19.4729

Monochromacy



Original Color

91.7710, -2.8451, -20.8472

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.0160, -0.9939, -7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7710, -2.8451, -20.8472 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(68, 105, 86)` looks like.

```
.text, #text, p{  
    color:rgb(68, 105, 86)  
}
```

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(68, 105, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 105, 86) }
```

Border

The CSS property to change the border of an element to YUV 91.7710, -2.8451, -20.8472 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(68, 105, 86) }
```


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

```
.border{ border-color:rgb(68, 105, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 105, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 105, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 105, 86);  
box-shadow:4px 4px 4px 4px rgb(68, 105,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 91.7710, -2.8451, -20.8472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 105, 86) }
```

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

```
.background{ background-color: rgb(68, 105,  
86) }
```

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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