

Converting Colors

YUV(105.0790, 20.1741,
-30.7643)

Have a look what the booklet for
YUV(105.0790, 20.1741, -30.7643)
contains.

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Color

**YUV(105.0790, 20.1741,
-30.7643)**

Conversions

Conversions Part 1

Format	Color
Hex	467392
RGB	70, 115, 146
RGB Percent	27%, 45%, 57%
CMY	0.7255, 0.5490, 0.4275
CMYK	0.52, 0.21, 0.00, 0.43
HSL	204°, 35%, 42%
HSV	204°, 52%, 57%
XYZ	13.8448, 15.6389, 29.4830
YIQ	105.0790, -36.7710, 0.1010

Conversions

Conversions Part 2

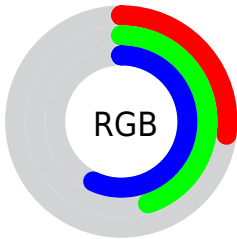
Format	Color
R_{YB}	70, 98, 146
Decimal	4617106
CIE _{Lab}	46.50, -6.30, -21.64
CIE _{LCh}	46, 22.536, 253.754
Yxy	15.6389, 0.2348, 0.2652
Android (android.graphics.Color)	4282807186 (0xFF467392)
YUV	105.0790, 20.1741, -30.7643
Hunter-Lab	39.5460, -6.7138, -16.5207

Details

The YUV color **105.0790, 20.1741, -30.7643** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **110.9210, -20.1741, 30.7643**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6060, 20.9002, -30.3495**, and **52.8500, 20.7799, -38.4565** is the 20% darker color. If you saturate the color by 10%, you get **97.0720, 24.1215, -36.8971**, and if you desaturate by 10%, it is **113.0860, 16.2266, -24.6314**.

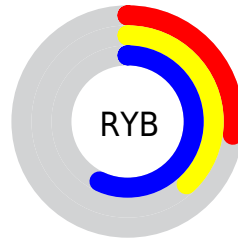
Distribution



Red (27%)

Green (45%)

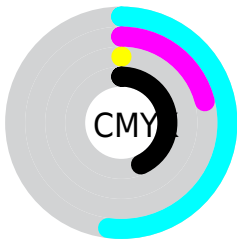
Blue (57%)



Red (27%)

Yellow (38%)

Blue (57%)

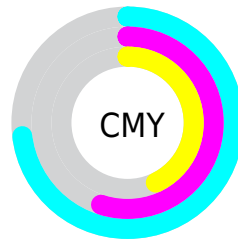


Cyan (52%)

Magenta (21%)

Yellow (0%)

Black (43%)



Cyan (73%)

Magenta (55%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.0790, 20.1741, -30.7643 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 105.0790, 20.1741, -30.7643 by changing the saturation by 10% instead.

■ 105.0790, 20.1741,
-30.7643

■ 105.0790, 20.1741,
-30.7643

■ 255.0000, 0.0000,
0.0000

■ 79.3670, 20.0321,
-31.8939

■ 157.6060, 20.9002,
-30.3495

■ 52.8500, 20.7799,
-38.4565

■ 184.7200, 21.3370,
-30.4494

■ 34.6230, 18.4269,
-30.3644

■ 212.6060, 20.9002,
-30.3495

■ 20.2610, 14.1683,
-17.7689

■ 237.4140, 8.6699,
-27.5501

■ 3.7790, 11.9410,
-3.3142

■ 249.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 105.0790, 20.1741,
-30.7643

■ 105.0790, 20.1741,
-30.7643

■ 97.0720, 24.1215,
-36.8971

■ 113.0860, 16.2266,
-24.6314

■ 89.3640, 27.9215,
-42.4152

■ 120.7940, 12.4266,
-19.1133

■ 81.3570, 31.8690,
-48.5481

■ 128.8010, 8.4791,
-12.9805

■ 73.6490, 35.6690,
-54.0662

■ 136.5090, 4.6791,
-7.4624

■ 67.1260, 38.8849,
-58.8695


■ 144.5160, 0.7316,
-1.3295

■ 152.5230, -3.2158,
4.8033

■ 160.2310, -7.0159,
10.3214

■ 168.2380,

-10.9633, 16.4543

 175.9460,
-14.7634, 21.9724

Harmonies

Analogous

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



100.3070, 17.5966, -44.1192



105.0790, 20.1741, -30.7643



110.0430, 18.2198, -10.5617

Triad

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



105.0790, 20.1741, -30.7643



112.2320, -5.0444, 31.3685



105.8340, -11.7502, -11.2554

Complementary

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



105.0790, 20.1741, -30.7643



110.9210, -20.1741, 30.7643

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.



108.4510, -17.4773, 5.7435



105.0790, 20.1741, -30.7643



110.8590, -12.7485, 29.0647

Square

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



105.0790, 20.1741, -30.7643



112.8920, 3.9972, 24.6507



109.5390, -17.5207, 19.6983



102.9550, -1.9498, -28.0245

Rectangle

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



105.0790, 20.1741, -30.7643



111.9200, 14.8294, 3.5782



109.5390, -17.5207, 19.6983



106.5960, -14.0978, -4.9077

Sweetspot

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



105.0790, 20.1741, -30.7643



172.3990, 8.1843, -11.7509



118.0320, -8.8898, -42.1241



84.5090, 4.6791, -7.4624



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



105.0790, 20.1741, -30.7643



125.8410, 31.1374, -47.2186



83.3600, 30.8815, -11.7167



70.1460, 1.9000, -2.7590



63.8660, 36.5481, -56.0105



4.6620, 2.6316, -4.0886

Inverse Universe

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



97.8540, 8.4530, 42.2240



114.8490, 12.8924, 65.0304



132.6400, -30.8815, 11.7167



69.5490, 0.7153, 3.9035



50.6100, 15.4753, 76.6410



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 105.0790, 20.1741, -30.7643 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 105.0790, 20.1741, -30.7643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

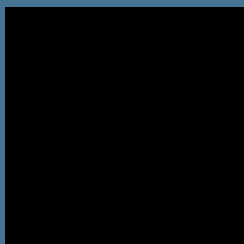
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

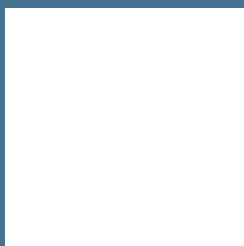
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 105.0790, 20.1741, -30.7643

Background



This preview shows how black text looks on a background with the YUV color 105.0790, 20.1741, -30.7643.

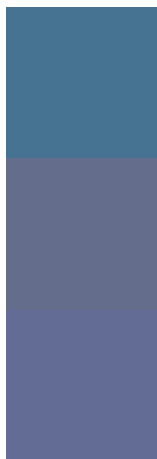


This preview shows how white text looks on a background with the YUV color 105.0790, 20.1741, -30.7643.

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

105.0790, 20.1741, -30.7643

Protanopia

110.2560, 15.1568, -8.1175

Deuteranopia

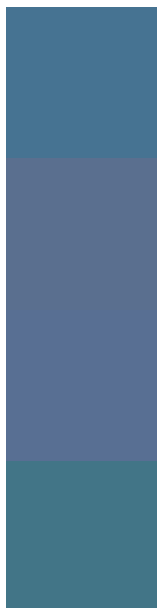
109.8690, 18.7986, -9.5321



Tritanopia

102.9940, 12.3280, -34.1977

Trichromacy



Original Color

105.0790, 20.1741, -30.7643

Protanomaly

108.3690, 17.0731, -16.1096

Deuteranomaly

108.2270, 19.1151, -17.7391

Tritanomaly

103.8030, 15.3801, -33.1532

Monochromacy



Original Color

105.0790, 20.1741, -30.7643

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1710, 7.3107, -11.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.0790, 20.1741, -30.7643 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(70, 115, 146)` looks like.

```
.text, #text, p{  
    color:rgb(70, 115, 146)  
}
```

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(70, 115, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 115, 146) }
```

Border

The CSS property to change the border of an element to YUV 105.0790, 20.1741, -30.7643 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(70, 115, 146) }
```


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

```
.border{ border-color:rgb(70, 115, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 115, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 115, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 115, 146);  
box-shadow:4px 4px 4px 4px rgb(70, 115,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 105.0790, 20.1741, -30.7643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 115, 146) }
```

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

```
.background{ background-color: rgb(70, 115,  
146) }
```

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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