

Converting Colors

YUV(104.4390, 20.9826,
-10.0320)

Have a look what the booklet for
YUV(104.4390, 20.9826, -10.0320)
contains.

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Color

**YUV(104.4390, 20.9826,
-10.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6693
RGB	93, 102, 147
RGB Percent	36%, 40%, 58%
CMY	0.6353, 0.6000, 0.4235
CMYK	0.37, 0.31, 0.00, 0.42
HSL	230°, 22%, 47%
HSV	230°, 37%, 58%
XYZ	14.5320, 13.9365, 29.5279
YIQ	104.4390, -19.8090, 12.0870

Conversions

Conversions Part 2

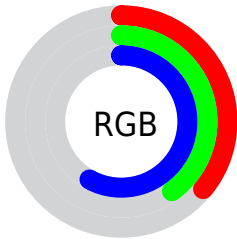
Format	Color
R_{YB}	93, 101, 147
Decimal	6121107
CIE _{Lab}	44.14, 8.13, -25.76
CIE _{LCh}	44, 27.015, 287.515
Yxy	13.9365, 0.2506, 0.2403
Android (android.graphics.Color)	4284311187 (0xFF5D6693)
YUV	104.4390, 20.9826, -10.0320
Hunter-Lab	37.3316, 4.1542, -20.7640

Details

The YUV color **104.4390, 20.9826, -10.0320** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.5610, -20.9826, 10.0320**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0800, 22.1456, -9.7172**, and **56.0860, 19.6776, -11.4764** is the 20% darker color. If you saturate the color by 10%, you get **92.9100, 26.6664, -13.0761**, and if you desaturate by 10%, it is **115.9680, 15.2988, -6.9879**.

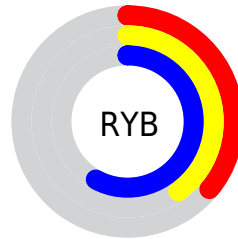
Distribution



Red (36%)

Green (40%)

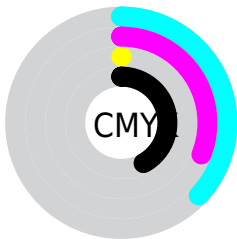
Blue (58%)



Red (36%)

Yellow (40%)

Blue (58%)

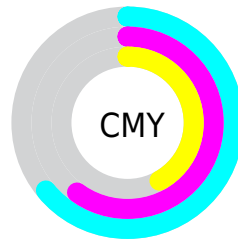


Cyan (37%)

Magenta (31%)

Yellow (0%)

Black (42%)



Cyan (64%)

Magenta (60%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4390, 20.9826, -10.0320 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 104.4390, 20.9826, -10.0320 by changing the saturation by 10% instead.

■ 104.4390, 20.9826,
-10.0320

■ 104.4390, 20.9826,
-10.0320

■ 255.0000, 0.0000,
0.0000

■ 79.9120, 20.2564,
-10.4468

■ 156.0800, 22.1456,
-9.7172

■ 56.0860, 19.6776,
-11.4764

■ 183.1940, 22.5824,
-9.8171

■ 33.5480, 18.9568,
-13.6356

■ 210.3790, 21.9982,
-9.1024

■ 12.6300, 17.9304,
-11.0765

■ 235.1870, 9.7678,
-6.3030

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 104.4390, 20.9826,
-10.0320

■ 104.4390, 20.9826,
-10.0320

■ 92.9100, 26.6664,
-13.0761

■ 115.9680, 15.2988,
-6.9879

■ 81.6800, 32.2028,
-15.5054

■ 127.7850, 9.4730,
-5.0734

■ 69.5640, 38.1759,
-18.0346

■ 139.3140, 3.7892,
-2.0294

■ 58.0350, 43.8597,
-21.0787

■ 150.8430, -1.8946,
1.0147

■ 46.5060, 49.5435,
-24.1228

■ 162.3720, -7.5784,
4.0588

■ 35.2760, 55.0799,
-26.5521

■ 173.6020,
-13.1148, 6.4880

■ 31.4330, 56.9745,
-27.5667

■ 185.7180,
-19.0880, 9.0173

■ 197.2470,

-24.7718, 12.0614

 208.4770,
-30.3082, 14.4907

Harmonies

Analogous

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



97.0010, 25.1425, -37.7119



104.4390, 20.9826, -10.0320



107.3450, 13.6339, 13.7294

Triad

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



104.4390, 20.9826, -10.0320



104.6700, -16.1063, 32.7384



94.0570, -0.0281, -37.7610

Complementary

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



104.4390, 20.9826, -10.0320



135.5610, -20.9826, 10.0320

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.



98.5730, -12.6075, -16.2885



104.4390, 20.9826, -10.0320



103.6270, -21.0151, 20.4981

Square

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



104.4390, 20.9826, -10.0320



105.8090, -6.8078, 37.0015



101.4570, -19.9453, 3.9842



85.6160, 15.4723, -62.8072

Rectangle

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



104.4390, 20.9826, -10.0320



107.1140, 7.3388, 26.2100



101.4570, -19.9453, 3.9842



95.5480, -4.7072, -30.2986

Sweetspot

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



104.4390, 20.9826, -10.0320



174.7420, 8.0152, -4.1587



129.8280, 4.0288, -32.2982



86.6560, 5.0996, -2.3293



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



104.4390, 20.9826, -10.0320



124.7940, 32.6396, -15.6053



104.5380, 20.9338, 5.6672



68.3850, 2.7682, -1.2146



29.2330, 53.6221, -25.6373



2.3140, 3.7892, -2.0294

Inverse Universe

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



110.1720, -4.0288, 32.2982



133.7120, -6.2670, 50.2416



135.4620, -20.9338, -5.6672



69.2070, -0.5951, 4.2035



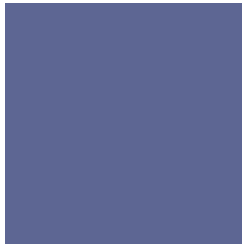
43.8840, -10.2958, 82.5397



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 104.4390, 20.9826, -10.0320 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 104.4390, 20.9826, -10.0320 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 104.4390, 20.9826, -10.0320

Background



This preview shows how black text looks on a background with the YUV color 104.4390, 20.9826, -10.0320.



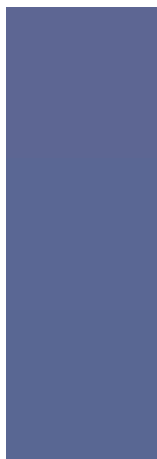
This preview shows how white text looks on a background with the YUV color 104.4390, 20.9826, -10.0320.

-10.0320.

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

104.4390, 20.9826, -10.0320

Protanopia

104.2430, 21.5722, -12.4911

Deuteranopia

103.8300, 21.2828, -13.0059



Tritanopia

102.4480, 7.1741, -14.4249

Trichromacy



Original Color

104.4390, 20.9826, -10.0320

Protanomaly

104.5420, 21.4248, -11.8763

Deuteranomaly

104.1290, 21.1354, -12.3911

Tritanomaly

103.4250, 12.1155, -12.6507

Monochromacy



Original Color

104.4390, 20.9826, -10.0320

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4390, 20.9826, -10.0320 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(93, 102, 147)` looks like.

```
.text, #text, p{  
    color:rgb(93, 102, 147)  
}
```

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(93, 102, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 102, 147) }
```

Border

The CSS property to change the border of an element to YUV 104.4390, 20.9826, -10.0320 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(93, 102, 147) }
```


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

```
.border{ border-color:rgb(93, 102, 147) }
```

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

Here you see how a box with a 4 pixel rgb(93, 102, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 102, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 102, 147);  
box-shadow:4px 4px 4px 4px rgb(93, 102,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 104.4390, 20.9826, -10.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 102, 147) }
```

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

```
.background{ background-color: rgb(93, 102,  
147) }
```

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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