

Converting Colors

YUV(90.3780, 20.0266,
-30.1495)

Have a look what the booklet for
YUV(90.3780, 20.0266, -30.1495)
contains.

YUV(90.3780, 20.0266, -30.1495)	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(90.3780, 20.0266,
-30.1495)**

Conversions

Conversions Part 1

Format	Color
Hex	386483
RGB	56, 100, 131
RGB Percent	22%, 39%, 51%
CMY	0.7804, 0.6078, 0.4863
CMYK	0.57, 0.24, 0.00, 0.49
HSL	205°, 40%, 37%
HSV	205°, 57%, 51%
XYZ	10.2848, 11.5938, 23.1685
YIQ	90.3780, -36.1750, 0.3130

Conversions

Conversions Part 2

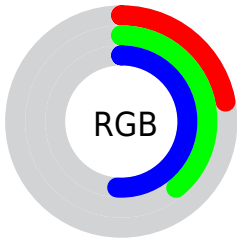
Format	Color
RYB	56, 84, 131
Decimal	3695747
CIELab	40.56, -5.54, -21.88
CIElCh	41, 22.570, 255.781
Yxy	11.5938, 0.2283, 0.2574
Android (android.graphics.Color)	4281885827 (0xFF386483)
YUV	90.3780, 20.0266, -30.1495
Hunter-Lab	34.0497, -5.6705, -16.5081

Details

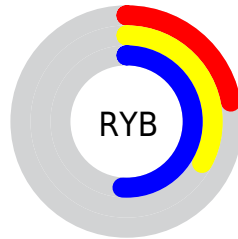
The YUV color **90.3780, 20.0266, -30.1495** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96.6220, -20.0266, 30.1495**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2040, 20.6054, -29.1199**, and **40.9320, 19.7535, -35.8974** is the 20% darker color. If you saturate the color by 10%, you get **83.5560, 23.3899, -35.5676**, and if you desaturate by 10%, it is **97.2000, 16.6634, -24.7314**.

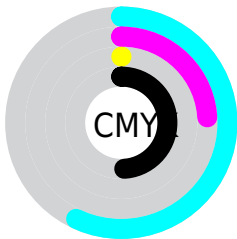
Distribution



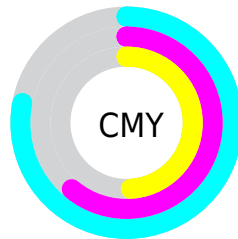
- Red (22%)
- Green (39%)
- Blue (51%)



- Red (22%)
- Yellow (33%)
- Blue (51%)



- Cyan (57%)
- Magenta (24%)
- Yellow (0%)
- Black (49%)



- Cyan (78%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3780, 20.0266, -30.1495 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 90.3780, 20.0266, -30.1495 by changing the saturation by 10% instead.

■ 90.3780, 20.0266,
-30.1495

■ 90.3780, 20.0266,
-30.1495

■ 255.0000, 0.0000,
0.0000

■ 65.0680, 20.1795,
-32.5086

■ 142.2040, 20.6054,
-29.1199

■ 40.9320, 19.7535,
-35.8974

■ 168.7310, 21.3316,
-28.7051

■ 25.3960, 16.0738,
-22.2723

■ 196.4320, 21.4790,
-29.3199

■ 7.7400, 14.4252,
-6.7880

■ 222.9500, 15.8007,
-28.0201

■ 2.0690, 5.3890,
-1.8145

■ 244.5350, 5.1592,
-21.5172

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 90.3780, 20.0266,
-30.1495

■ 90.3780, 20.0266,
-30.1495

■ 83.5560, 23.3899,
-35.5676

■ 97.2000, 16.6634,
-24.7314

■ 76.1470, 27.0425,
-40.4709

■ 104.6090, 13.0108,
-19.8281

■ 69.3250, 30.4058,
-45.8890

■ 111.4310, 9.6475,
-14.4100

■ 61.9160, 34.0584,
-50.7923

■ 118.8400, 5.9949,
-9.5067

■ 60.1330, 34.9374,
-52.7366

■ 125.9610, 2.4842,
-3.4738

■ 132.7830, -0.8790,
1.9443

■ 140.1920, -4.5317,
6.8476

■ 147.0140, -7.8949,
12.2657

■ 154.4230,
-11.5475, 17.1690

Harmonies

Analogous

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



84.4100, 18.0389, -45.9636



90.3780, 20.0266, -30.1495



95.5270, 17.4882, -9.2322

Triad

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



90.3780, 20.0266, -30.1495



97.4060, -5.6232, 30.3389



91.0620, -10.8766, -11.4554

Complementary

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



90.3780, 20.0266, -30.1495



96.6220, -20.0266, 30.1495

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.



93.6680, -16.5983, 3.7992



90.3780, 20.0266, -30.1495



96.1470, -12.8905, 27.9351

Square

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



90.3780, 20.0266, -30.1495



98.3650, 3.2711, 24.2359



94.9410, -17.2259, 18.4687



87.8840, -0.9288, -28.8393

Rectangle

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



90.3780, 20.0266, -30.1495



97.9910, 13.8084, 4.3929



94.9410, -17.2259, 18.4687



92.1120, -13.3662, -6.2372

Sweetspot

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



90.3780, 20.0266, -30.1495



155.2850, 7.7475, -11.6509



103.4450, -8.6004, -41.6093



77.5090, 4.6791, -7.4624



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



90.3780, 20.0266, -30.1495



106.9550, 31.5742, -47.3185



68.6590, 30.7341, -11.1019



63.0320, 1.4632, -2.6591



59.4320, 34.7900, -52.1219



0.9290, 1.0210, -0.8147

Inverse Universe

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



83.4410, 8.1636, 41.7092



96.1480, 12.7450, 65.6452



117.7540, -30.4447, 11.6167



62.2500, 0.8628, 3.2888



47.5340, 14.0337, 72.3227



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 90.3780, 20.0266, -30.1495 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 90.3780, 20.0266, -30.1495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

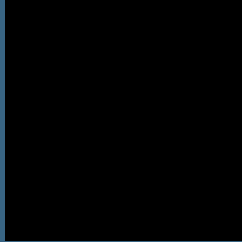
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3780, 20.0266, -30.1495

Background



This preview shows how black text looks on a background with the YUV color 90.3780, 20.0266, -30.1495.



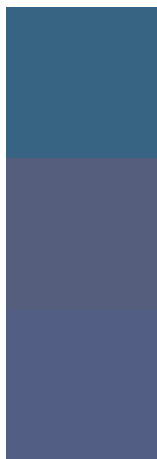
This preview shows how white text looks on a background with the YUV color 90.3780, 20.0266,

-30.1495.

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

90.3780, 20.0266, -30.1495

Protanopia

95.2560, 15.1568, -8.1175

Deuteranopia

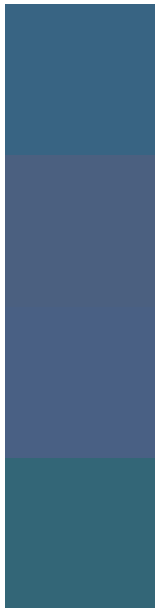
95.0430, 18.2198, -10.5617



Tritanopia

87.5810, 12.0386, -34.7125

Trichromacy



Original Color

90.3780, 20.0266, -30.1495

Protanomaly

93.3690, 17.0731, -16.1096

Deuteranomaly

93.2270, 19.1151, -17.7391

Tritanomaly

88.6890, 14.9433, -33.0533

Monochromacy



Original Color

90.3780, 20.0266, -30.1495

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.4700, 7.1633, -10.9362

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3780, 20.0266, -30.1495 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(56, 100, 131)` looks like.

```
.text, #text, p{  
    color:rgb(56, 100, 131)  
}
```

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(56, 100, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 100, 131) }
```

Border

The CSS property to change the border of an element to YUV 90.3780, 20.0266, -30.1495 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(56, 100, 131) }
```


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

```
.border{ border-color:rgb(56, 100, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 100, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 100, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 100, 131);  
box-shadow:4px 4px 4px 4px rgb(56, 100,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 90.3780, 20.0266, -30.1495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 100, 131) }
```

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

```
.background{ background-color: rgb(56, 100,  
131) }
```

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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