

Converting Colors

YUV(93.6260, 20.3974,
-55.8000)

Have a look what the booklet for
YUV(93.6260, 20.3974, -55.8000)
contains.

YUV(93.6260, 20.3974, -55.8000)	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(93.6260, 20.3974,
-55.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	1E7687
RGB	30, 118, 135
RGB Percent	12%, 46%, 53%
CMY	0.8824, 0.5373, 0.4706
CMYK	0.78, 0.13, 0.00, 0.47
HSL	190°, 64%, 32%
HSV	190°, 78%, 53%
XYZ	11.3870, 14.9822, 25.2134
YIQ	93.6260, -57.9050, -13.3690

Conversions

Conversions Part 2

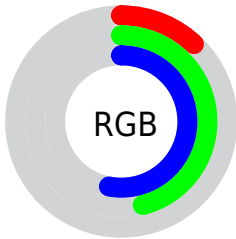
Format	Color
R_{YB}	30, 78, 135
Decimal	1996423
CIE _{Lab}	45.61, -19.07, -16.59
CIE _{LCh}	46, 25.279, 221.022
Yxy	14.9822, 0.2208, 0.2905
Android (android.graphics.Color)	4280186503 (0xFF1E7687)
YUV	93.6260, 20.3974, -55.8000
Hunter-Lab	38.7068, -15.2245, -11.5264




Details

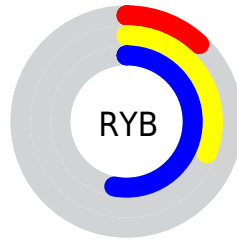
The YUV color **93.6260, 20.3974, -55.8000** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.3740, -20.3974, 55.8000**, and the grayscale version is **93.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **148.7300, 19.3601, -49.7522**, and **50.1930, 17.1599, -44.0193** is the 20% darker color. If you saturate the color by 10%, you get **88.5650, 22.8925, -62.7625**, and if you desaturate by 10%, it is **98.9860, 17.7549, -48.2227**.

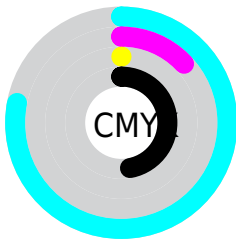
Distribution







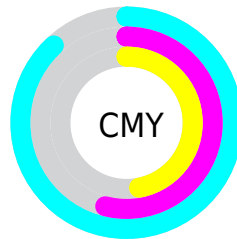
-  Red (12%)
-  Green (46%)
-  Blue (53%)






-  Red (12%)
-  Yellow (31%)
-  Blue (53%)



-  Cyan (78%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (88%)
-  Magenta (54%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6260, 20.3974, -55.8000 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 93.6260, 20.3974, -55.8000 by changing the saturation by 10% instead.

■ 93.6260, 20.3974,
-55.8000

■ 93.6260, 20.3974,
-55.8000

■ 255.0000, 0.0000,
0.0000

■ 67.1310, 21.1344,
-58.8739

■ 148.7300, 19.3601,
-49.7522

■ 50.1930, 17.1599,
-44.0193

■ 177.0290, 19.2127,
-49.1374

■ 34.6570, 13.4801,
-30.3942

■ 205.0290, 19.2127,
-49.1374

■ 20.9960, 9.3690,
-18.4135

■ 231.6780, 11.4977,
-47.9526

■ 2.7530, 8.0098,
-2.4144

■ 240.3490, 7.2229,
-30.1241

■ 0.0000, 0.0000,
0.0000

■ 249.3190, 2.8007,

-11.6808

■ 93.6260, 20.3974,
-55.8000

■ 93.6260, 20.3974,
-55.8000

■ 88.5650, 22.8925,
-62.7625

■ 98.9860, 17.7549,
-48.2227

■ 83.2050, 25.5349,
-70.3398

■ 104.0470, 15.2598,
-41.2602

■ 81.7210, 26.2665,
-71.6693

■ 109.9940, 12.3280,
-34.1977

■ 115.0550, 9.8329,
-27.2352

■ 120.4150, 7.1904,
-19.6580

■ 125.4760, 4.6953,
-12.6955

■ 130.8360, 2.0529,
-5.1182

■ 135.8970, -0.4422,
1.8443

■ 141.8440, -3.3741,
8.9068

Harmonies

Analogous

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



94.6240, 10.0454, -48.7822



93.6260, 20.3974, -55.8000



100.4200, 22.9639, -38.9563

Triad

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



93.6260, 20.3974, -55.8000



111.2450, 5.3022, 26.0951



105.5930, -19.5193, 7.3729

Complementary

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



93.6260, 20.3974, -55.8000



71.3740, -20.3974, 55.8000

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.



107.6920, -19.5682, 23.0721



93.6260, 20.3974, -55.8000



110.0690, -4.4710, 34.1425

Square

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



93.6260, 20.3974, -55.8000



110.8390, 14.3764, 8.9112



108.6530, -13.6329, 32.7533



103.2640, -13.9342, -10.7555

Rectangle

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



93.6260, 20.3974, -55.8000



105.5900, 21.8941, -22.4424



108.6530, -13.6329, 32.7533



106.3980, -20.4092, 12.8060

Sweetspot

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



93.6260, 20.3974, -55.8000



159.6320, 8.0694, -21.6023



93.4590, -23.3973, -55.6535



79.1770, 4.8427, -13.3102



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



93.6260, 20.3974, -55.8000



111.1150, 31.9883, -86.9239



63.6890, 35.1563, -29.5453



63.6190, 1.1738, -3.1739



78.8030, 25.2401, -69.1102



1.5160, 0.7316, -1.3295

Inverse Universe

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



71.4270, 22.9605, 55.7535



76.6540, 35.6666, 87.1264



101.3110, -35.1563, 29.5453



62.3640, 1.2995, 3.1888



51.2960, 28.4481, 69.0234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 93.6260, 20.3974, -55.8000 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 93.6260, 20.3974, -55.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

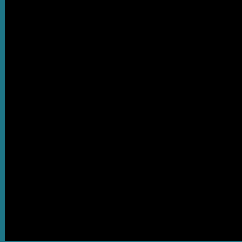
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.6260, 20.3974, -55.8000

Background



This preview shows how black text looks on a background with the YUV color 93.6260, 20.3974, -55.8000.



This preview shows how white text looks on a background with the YUV color 93.6260, 20.3974,

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

93.6260, 20.3974, -55.8000

Protanopia

107.4970, 9.6150, -3.9439

Deuteranopia

108.4520, 14.5672, -5.6584



Tritanopia

91.7350, 18.3716, -59.4036

Trichromacy



Original Color

93.6260, 20.3974, -55.8000

Protanomaly

102.1140, 13.7478, -22.9020

Deuteranomaly

102.9120, 16.8054, -23.6018

Tritanomaly

92.5610, 18.9504, -58.3740

Monochromacy



Original Color

93.6260, 20.3974, -55.8000

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1160, 7.3378, -20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6260, 20.3974, -55.8000 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(30, 118, 135)` looks like.

```
.text, #text, p{  
    color:rgb(30, 118, 135)  
}
```

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(30, 118, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 118, 135) }
```

Border

The CSS property to change the border of an element to YUV 93.6260, 20.3974, -55.8000 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(30, 118, 135) }
```


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

```
.border{ border-color:rgb(30, 118, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 118, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 118, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 118, 135);  
box-shadow:4px 4px 4px 4px rgb(30, 118,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 93.6260, 20.3974, -55.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 118, 135) }
```

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

```
.background{ background-color: rgb(30, 118,  
135) }
```

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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