

Converting Colors

YUV(180.6260, 20.3974,
-55.8000)

Have a look what the booklet for
YUV(180.6260, 20.3974, -55.8000)
contains.

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Color

**YUV(180.6260, 20.3974,
-55.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	75CDDE
RGB	117, 205, 222
RGB Percent	46%, 80%, 87%
CMY	0.5412, 0.1961, 0.1294
CMYK	0.47, 0.08, 0.00, 0.13
HSL	190°, 61%, 66%
HSV	190°, 47%, 87%
XYZ	42.3523, 52.7185, 77.0507
YIQ	180.6260, -57.9050, -13.3690

Conversions

Conversions Part 2

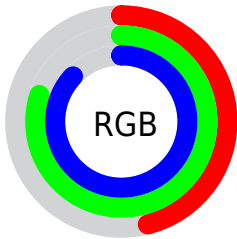
Format	Color
RYB	117, 165, 222
Decimal	7720414
CIELab	77.71, -22.02, -16.66
CIElCh	78, 27.608, 217.113
Yxy	52.7185, 0.2461, 0.3063
Android (android.graphics.Color)	4285910494 (0xFF75CDDE)
YUV	180.6260, 20.3974, -55.8000
Hunter-Lab	72.6075, -22.9433, -12.0930

Details

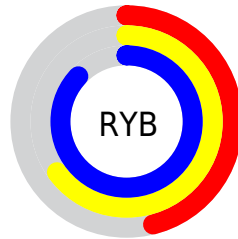
The YUV color **180.6260, 20.3974, -55.8000** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **158.3740, -20.3974, 55.8000**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **124.7180, 20.8450, -59.3887** is the 20% darker color. If you saturate the color by 10%, you get **171.7000, 24.7979, -67.2659**, and if you desaturate by 10%, it is **189.5520, 15.9969, -44.3341**.

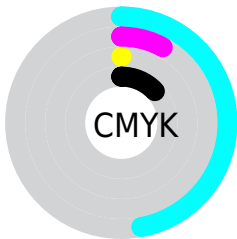
Distribution



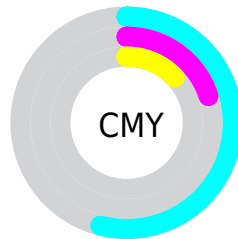
- Red (46%)
- Green (80%)
- Blue (87%)



- Red (46%)
- Yellow (65%)
- Blue (87%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6260, 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 180.6260, 20.3974, -55.8000 by changing the saturation by 10% instead.

180.6260, 20.3974,
-55.8000

180.6260, 20.3974,
-55.8000

255.0000, 0.0000,
0.0000

152.3270, 20.5448,
-56.4148

231.0800, 11.7926,
-49.1822

124.7180, 20.8450,
-59.3887

239.7510, 7.5178,
-31.3536

94.1190, 22.6193,
-68.5104

248.4220, 3.2430,
-13.5251

71.2230, 21.5821,
-62.4626

54.2850, 17.6075,
-47.6079

38.1620, 14.2171,
-33.4681

23.9140, 10.3954,

-20.9726

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 180.6260, 20.3974,
-55.8000

■ 180.6260, 20.3974,
-55.8000

■ 171.7000, 24.7979,
-67.2659

■ 189.5520, 15.9969,
-44.3341

■ 163.3610, 28.9090,
-79.2466

■ 197.8910, 11.8857,
-32.3534

■ 154.1360, 33.4570,
-91.3273

■ 207.1160, 7.3378,
-20.2727

■ 145.7970, 37.5681,
-103.3080

■ 215.4550, 3.2267,
-8.2920

■ 136.8710, 41.9686,
-114.7739

■ 224.3810, -1.1738,
3.1739

■ 134.4900, 43.1424,
-117.9477

■ 233.3070, -5.5744,
14.6398

■ 236.5630, -7.1796,
16.1692

■ 238.9110, -8.3371,
14.1101

■ 240.6720, -9.2053,
12.5657

Harmonies

Analogous

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



181.0430, 7.8668, -50.0267



180.6260, 20.3974, -55.8000



184.8970, 26.1798, -43.7597

Triad

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



180.6260, 20.3974, -55.8000



196.3640, 8.2015, 29.4988



190.0730, -24.1930, 13.0910

Complementary

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



180.6260, 20.3974, -55.8000



158.3740, -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.



192.8240, -23.0842, 30.8494



180.6260, 20.3974, -55.8000



195.5260, -4.2033, 41.6347

Square

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



180.6260, 20.3974, -55.8000



194.9790, 18.7444, 7.9114



194.1380, -15.8440, 41.9750



187.2380, -17.8653, -9.8557

Rectangle

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



180.6260, 20.3974, -55.8000



189.1100, 26.5678, -28.1605



194.1380, -15.8440, 41.9750



191.2910, -24.7935, 19.0388

Sweetspot

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



180.6260, 20.3974, -55.8000



240.7140, 7.0430, -19.0432



180.4590, -23.3973, -55.6535



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



180.6260, 20.3974, -55.8000



197.5570, 28.3194, -76.7875



150.6890, 35.1563, -29.5453



107.5370, 2.2003, -5.7329



106.3530, 34.3360, -93.2716



29.5390, 9.1013, -25.9057

Inverse Universe

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



158.4270, 22.9605, 55.7535



167.1490, 31.4785, 77.0453



188.3110, -35.1563, 29.5453



105.3150, 2.3097, 5.8627



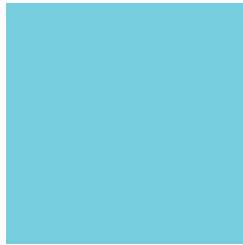
69.3820, 38.2657, 93.5040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 180.6260, 20.3974, -55.8000 looks on a white background.

Color Contrast Check

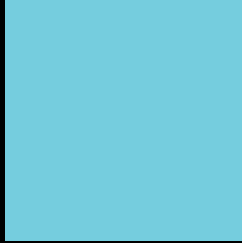
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 180.6260, 20.3974, -55.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

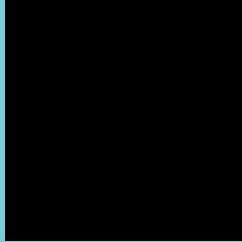
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.6260, 20.3974, -55.8000

Background



This preview shows how black text looks on a background with the YUV color 180.6260, 20.3974, -55.8000.



This preview shows how white text looks on a background with the YUV color 180.6260, 20.3974, -55.8000.

-55.8000.

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

180.6260, 20.3974, -55.8000

Protanopia

191.9100, 9.9044, -3.4291

Deuteranopia

193.2400, 16.1507, -0.2105



Tritanopia

180.6260, 20.3974, -55.8000

Trichromacy



Original Color

180.6260, 20.3974, -55.8000

Protanomaly

187.5270, 14.0372, -22.3872

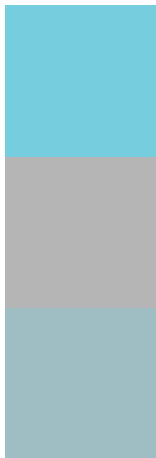
Deuteranomaly

188.8630, 17.8155, -20.9279

Tritanomaly

180.6260, 20.3974, -55.8000

Monochromacy



Original Color

180.6260, 20.3974, -55.8000

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1160, 7.3378, -20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6260, 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(117, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(117, 205, 222)  
}
```

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(117, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 205, 222) }
```

Border

The CSS property to change the border of an element to YUV 180.6260, 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(117, 205, 222) }
```


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

```
.border{ border-color:rgb(117, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 205, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 205, 222); box-shadow:4px 4px 4px 4px rgb(117, 205, 222) }
```

Background

The CSS property to change the background color of an element to YUV 180.6260, 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(117, 205, 222) }
```

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

```
.background{ background-color: rgb(117,  
205, 222) }
```

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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