

Converting Colors

YUV(200.1840, 20.6153,
-79.0914)

Have a look what the booklet for
YUV(200.1840, 20.6153, -79.0914)
contains.

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Color

**YUV(200.1840, 20.6153,
-79.0914)**

Conversions

Conversions Part 1

Format	Color
Hex	6EEE2
RGB	110, 238, 242
RGB Percent	43%, 93%, 95%
CMY	0.5686, 0.0667, 0.0510
CMYK	0.55, 0.02, 0.00, 0.05
HSL	182°, 84%, 69%
HSV	182°, 55%, 95%
XYZ	53.0320, 70.8749, 94.8895
YIQ	200.1840, -77.5720, -25.8920

Conversions

Conversions Part 2

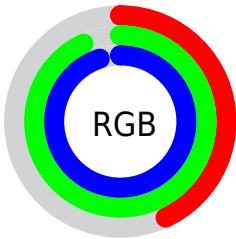
Format	Color
R _Y B	110, 175, 242
Decimal	7270130
CIE Lab	87.42, -34.17, -12.72
CIE LCh	87, 36.458, 200.418
Yxy	70.8749, 0.2424, 0.3239
Android (android.graphics.Color)	4285460210 (0xFF6EEEF2)
YUV	200.1840, 20.6153, -79.0914
Hunter-Lab	84.1872, -34.8853, -7.8962

Details

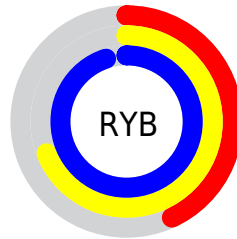
The YUV color **200.1840, 20.6153, -79.0914** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **151.8160, -20.6153, 79.0914**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1830, 12.2348, -51.0265**, and **138.5030, 23.4160, -90.7721** is the 20% darker color. If you saturate the color by 10%, you get **192.4210, 24.4424, -93.3312**, and if you desaturate by 10%, it is **207.9470, 16.7881, -64.8515**.

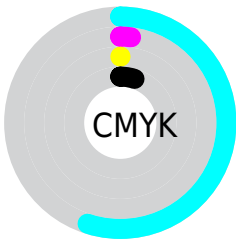
Distribution



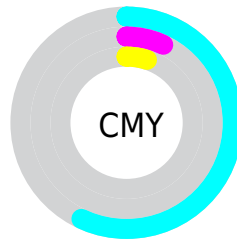
- Red (43%)
- Green (93%)
- Blue (95%)



- Red (43%)
- Yellow (69%)
- Blue (95%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (57%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.1840, 20.6153, -79.0914 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 200.1840, 20.6153, -79.0914 by changing the saturation by 10% instead.

200.1840, 20.6153,
-79.0914

200.1840, 20.6153,
-79.0914

255.0000, 0.0000,
0.0000

170.1020, 21.6417,
-81.6505

230.1830, 12.2348,
-51.0265

138.5030, 23.4160,
-90.7721

239.1530, 7.8126,
-32.5832

108.5240, 24.8847,
-95.1755

248.1230, 3.3904,
-14.1399

90.2980, 21.0521,
-79.1913

72.1860, 17.6563,
-63.3071

55.2480, 13.6817,
-48.4525

38.5380, 10.5808,

-33.7978

■ 24.4040, 7.1958,
-21.4023

■ 2.6390, 7.5730,
-2.3144

■ 200.1840, 20.6153,
-79.0914

■ 200.1840, 20.6153,
-79.0914

■ 192.4210, 24.4424,
-93.3312

■ 207.9470, 16.7881,
-64.8515

■ 185.2450, 27.9802,
-108.0859

■ 215.1230, 13.2504,
-50.0969

■ 177.1830, 31.9548,
-122.9405

■ 223.1850, 9.2758,
-35.2422

■ 169.4200, 35.7819,
-137.1803

■ 230.9480, 5.4486,
-21.0024

■ 165.5330, 37.6982,
-145.1724

■ 238.7110, 1.6215,
-6.7625

■ 245.8870, -1.9163,
7.9921

■ 246.4740, -2.2057,
7.4773

■ 247.0610, -2.4951,
6.9625

■ 247.6480, -2.7845,
6.4477

Harmonies

Analogous

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



204.7510, 0.6158, -57.6636



200.1840, 20.6153, -79.0914



200.8130, 26.7142, -75.2580

Triad

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



200.1840, 20.6153, -79.0914



222.9920, 15.7799, 25.4400



218.1910, -33.1252, 31.4045

Complementary

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



200.1840, 20.6153, -79.0914



151.8160, -20.6153, 79.0914

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.



213.8570, -23.1005, 36.0824



200.1840, 20.6153, -79.0914



216.5710, 7.6065, 33.7022

Square

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



200.1840, 20.6153, -79.0914



217.1790, 18.6458, -7.1730



212.5810, -7.6814, 37.2015



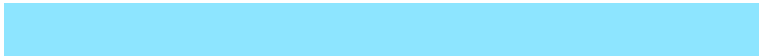
214.4110, -30.2756, 4.0246

Rectangle

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



200.1840, 20.6153, -79.0914



205.6520, 24.3286, -56.6998



212.5810, -7.6814, 37.2015



216.4840, -30.8046, 33.7785

Sweetspot

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



200.1840, 20.6153, -79.0914



242.1540, 6.3331, -24.6911



187.7120, -37.3260, -68.1534



119.9380, 3.9746, -14.8546



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.



200.1840, 20.6153, -79.0914



202.4310, 25.9165, -99.4790



162.6160, 39.1363, -46.1442



115.8250, 2.0583, -6.8625



125.4620, 28.8592, -110.0302



38.0820, 8.8336, -33.3979

Inverse Universe

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



164.0600, 36.4524, 68.3534



156.9880, 45.8549, 85.9565



189.3840, -39.1363, 46.1442



112.8420, 3.0359, 6.2776



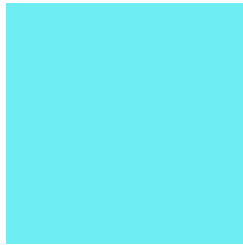
75.3080, 50.6272, 95.3229



22.9000, 15.3323, 29.0287

Previews

White Background



This preview shows how the YUV color 200.1840, 20.6153, -79.0914 looks on a white background.

Color Contrast Check

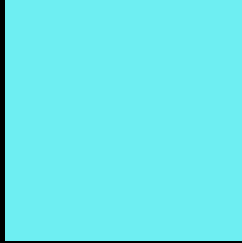
Large Text (above 18pt) WCAG AA × Fail

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 200.1840, 20.6153, -79.0914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

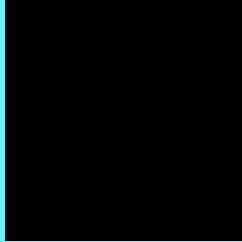
Any Text WCAG AA ✓ Pass

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 200.1840, 20.6153, -79.0914 Background



This preview shows how black text looks on a background with the YUV color 200.1840, 20.6153, -79.0914.



This preview shows how white text looks on a background with the YUV color 200.1840, 20.6153,

-79.0914.

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

200.1840, 20.6153, -79.0914

Protanopia

218.0800, 5.3836, -0.0702

Deuteranopia

219.9910, 13.8084, 4.3929



Tritanopia

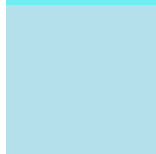
201.9870, 26.1354, -76.2876

Trichromacy



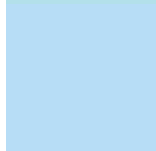
Original Color

200.1840, 20.6153, -79.0914



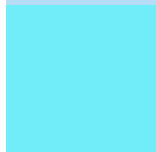
Protanomaly

211.6850, 11.0013, -28.6647



Deuteranomaly

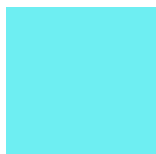
212.4880, 16.5214, -25.8610



Tritanomaly

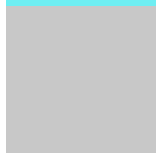
201.4060, 23.9568, -77.5321

Monochromacy



Original Color

200.1840, 20.6153, -79.0914



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.0610, 7.3649, -28.9945

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1840, 20.6153, -79.0914 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(110, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(110, 238, 242)  
}
```

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(110, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 238, 242) }
```

Border

The CSS property to change the border of an element to YUV 200.1840, 20.6153, -79.0914 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(110, 238, 242) }
```


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

```
.border{ border-color:rgb(110, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(110, 238,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 200.1840, 20.6153, -79.0914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 238, 242) }
```

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

```
.background{ background-color: rgb(110,  
238, 242) }
```

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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