

Converting Colors

YUV(200.7500, 22.3083,
-62.0478)

Have a look what the booklet for
YUV(200.7500, 22.3083, -62.0478)
contains.

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Color

**YUV(200.7500, 22.3083,
-62.0478)**

Conversions

Conversions Part 1

Format	Color
Hex	82E4F6
RGB	130, 228, 246
RGB Percent	51%, 89%, 96%
CMY	0.4902, 0.1059, 0.0353
CMYK	0.47, 0.07, 0.00, 0.04
HSL	189°, 87%, 74%
HSV	189°, 47%, 96%
XYZ	53.5839, 66.8865, 97.2750
YIQ	200.7500, -64.1860, -15.1780

Conversions

Conversions Part 2

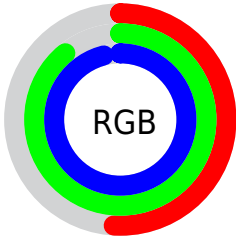
Format	Color
R _{YB}	130, 183, 246
Decimal	8578294
CIE _{Lab}	85.45, -24.22, -17.72
CIE _{LCh}	85, 30.008, 216.184
Y _{xy}	66.8865, 0.2461, 0.3072
Android (android.graphics.Color)	4286768374 (0xFF82E4F6)
Y _{UV}	200.7500, 22.3083, -62.0478
Hunter-Lab	81.7841, -26.1714, -13.2713

Details

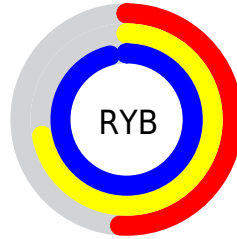
The YUV color $200.7500, 22.3083, -62.0478$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $175.2500, -22.3083, 62.0478$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.2660, 9.7289, -40.5753$, and $143.2550, 23.0453, -65.1216$ is the 20% darker color. If you saturate the color by 10%, you get $190.9270, 27.1510, -75.3580$, and if you desaturate by 10%, it is $210.5730, 17.4655, -48.7375$.

Distribution



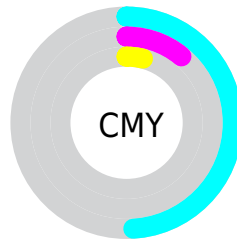
- Red (51%)
- Green (89%)
- Blue (96%)



- Red (51%)
- Yellow (72%)
- Blue (96%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.7500, 22.3083, -62.0478 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 200.7500, 22.3083, -62.0478 by changing the saturation by 10% instead.

200.7500, 22.3083,
-62.0478

200.7500, 22.3083,
-62.0478

255.0000, 0.0000,
0.0000

172.1520, 22.6031,
-63.2773

235.2660, 9.7289,
-40.5753

143.2550, 23.0453,
-65.1216

243.9370, 5.4541,
-22.7467

113.5530, 24.3774,
-72.3990

253.2060, 0.8844,
-3.6887

85.9440, 24.6776,
-75.3729

68.4190, 20.9924,
-60.0035

51.5950, 17.4547,
-45.2488

35.3580, 13.6275,

-31.0090

■ 21.6970, 9.5164,
-19.0283

■ 2.9810, 8.8834,
-2.6143

■ 200.7500, 22.3083,
-62.0478

■ 200.7500, 22.3083,
-62.0478

■ 190.9270, 27.1510,
-75.3580

■ 210.5730, 17.4655,
-48.7375

■ 181.4030, 31.8463,
-88.0534

■ 220.0970, 12.7702,
-36.0421

■ 172.1670, 36.3997,
-101.8785

■ 229.3330, 8.2168,
-22.2170

■ 162.6430, 41.0950,
-114.5739

■ 238.8570, 3.5215,
-9.5216

■ 152.8200, 45.9377,
-127.8841

■ 248.6800, -1.3212,
3.7886

■ 150.1400, 47.2590,
-131.6728

■ 251.6260, -2.7736,
2.9590

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



201.2380, 8.7567, -55.4597



200.7500, 22.3083, -62.0478



204.8210, 24.7382, -48.0780

Triad

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



200.7500, 22.3083, -62.0478



218.3150, 9.2117, 32.1727



211.6880, -26.9612, 14.3056

Complementary

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



200.7500, 22.3083, -62.0478



175.2500, -22.3083, 62.0478

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.



214.1620, -25.7159, 34.9379



200.7500, 22.3083, -62.0478



213.3620, -2.1505, 36.5165

Square

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



200.7500, 22.3083, -62.0478



216.3920, 19.0337, 8.4262



211.9310, -15.2490, 37.7715



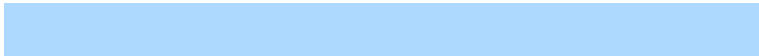
208.2550, -20.3387, -9.8706

Rectangle

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



200.7500, 22.3083, -62.0478



208.1760, 23.0842, -30.8494



211.9310, -15.2490, 37.7715



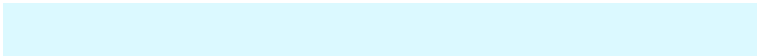
212.3300, -27.2777, 22.5126

Sweetspot

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



200.7500, 22.3083, -62.0478



240.7140, 7.0430, -19.0432



200.0300, -26.1438, -61.4163



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



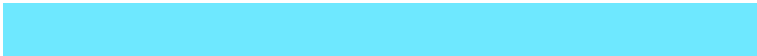
128.0000, 0.0000, 0.0000

Same Dimension

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



200.7500, 22.3083, -62.0478



198.1440, 28.0300, -77.3023



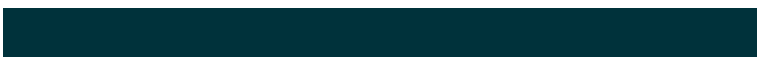
167.2910, 38.8035, -32.7042



117.8250, 2.0583, -6.8625



113.3630, 35.8100, -99.4194



36.0760, 11.3015, -31.6387

Inverse Universe

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



175.8560, 25.7070, 61.5163



167.2630, 31.9153, 76.9453



208.7090, -38.8035, 32.7042



114.8420, 3.0359, 6.2776



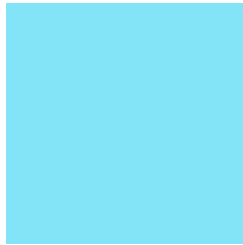
73.5120, 41.1596, 98.6520



23.3410, 13.1429, 31.2729

Previews

White Background



This preview shows how the YUV color 200.7500, 22.3083, -62.0478 looks on a white background.

Color Contrast Check

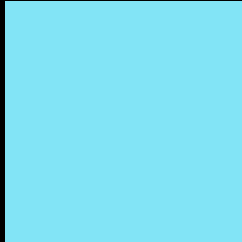
Large Text (above 18pt) WCAG AA × Fail

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 200.7500, 22.3083, -62.0478 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 200.7500, 22.3083, -62.0478

Background



This preview shows how black text looks on a background with the YUV color 200.7500, 22.3083, -62.0478.



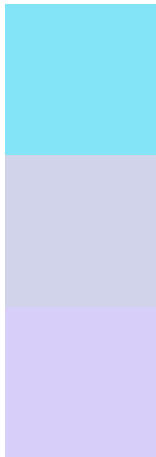
This preview shows how white text looks on a background with the YUV color 200.7500, 22.3083, -62.0478.

-62.0478.

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

200.7500, 22.3083, -62.0478

Protanopia

213.1380, 10.7780, -3.6290

Deuteranopia

214.2940, 17.6031, 0.6192



Tritanopia

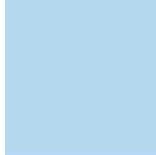
200.7500, 22.3083, -62.0478

Trichromacy



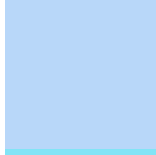
Original Color

200.7500, 22.3083, -62.0478



Protanomaly

208.4450, 15.0636, -24.9463



Deuteranomaly

209.6070, 19.4207, -22.4573



Tritanomaly

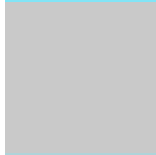
200.7500, 22.3083, -62.0478

Monochromacy



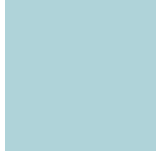
Original Color

200.7500, 22.3083, -62.0478



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.9200, 7.9274, -22.7318

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.7500, 22.3083, -62.0478 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(130, 228, 246)` looks like.

```
.text, #text, p{  
    color:rgb(130, 228, 246)  
}
```

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(130, 228, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 228, 246) }
```

Border

The CSS property to change the border of an element to YUV 200.7500, 22.3083, -62.0478 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(130, 228, 246) }
```


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

```
.border{ border-color:rgb(130, 228, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 228, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 228, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 228, 246);  
box-shadow:4px 4px 4px 4px rgb(130, 228,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 200.7500, 22.3083, -62.0478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 228, 246) }
```

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

```
.background{ background-color: rgb(130,  
228, 246) }
```

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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