

Converting Colors

YIQ(205.1300, -23.6130, 3.9310)

Have a look what the booklet for
YIQ(205.1300, -23.6130, 3.9310)
contains.

YIQ(205.1300, -23.6130, 3.9310)	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

**YIQ(205.1300, -23.6130,
3.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D1EE
RGB	185, 209, 238
RGB Percent	73%, 82%, 93%
CMY	0.2745, 0.1803, 0.0668
CMYK	0.22, 0.12, 0.00, 0.07
HSL	213°, 61%, 83%
HSV	213°, 22%, 93%
XYZ	58.2364, 62.0903, 89.7813
YIQ	205.1300, -23.6130, 3.9310

Conversions

Conversions Part 2

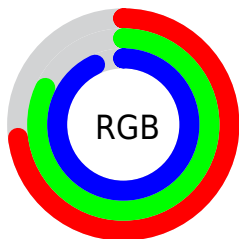
Format	Color
R _Y B	185, 202, 238
Decimal	12177902
CIE Lab	82.96, -1.88, -16.92
CIE LCh	83, 17.026, 263.647
Yxy	62.0903, 0.2772, 0.2955
Android (android.graphics.Color)	4290367982 (0xFFB9D1EE)
YUV	205.1300, 16.2049, -17.6540
Hunter-Lab	78.7974, -5.9723, -12.3966

Details

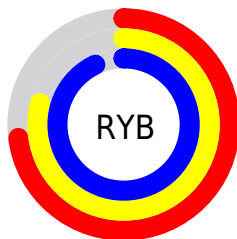
The YIQ color $205.1300, -23.6130, 3.9310$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $217.8700, 23.6130, -3.9310$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, -7.7480, -2.7560$, and $150.9020, -22.9710, 3.3090$ is the 20% darker color. If you saturate the color by 10%, you get $190.3230, -34.3420, 5.6420$, and if you desaturate by 10%, it is $219.9370, -12.8840, 2.2200$.

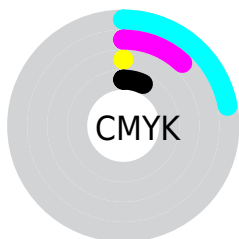
Distribution



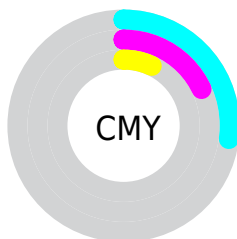
- Red (73%)
- Green (82%)
- Blue (93%)



- Red (73%)
- Yellow (79%)
- Blue (93%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.1300, -23.6130, 3.9310 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 YIQ color 205.1300, -23.6130, 3.9310 by changing the saturation by 10% instead.

■ 205.1300,
-23.6130, 3.9310

■ 205.1300,
-23.6130, 3.9310

255.0000, -0.0000,
-0.0000

■ 177.4290,
-23.0170, 4.1430

■ 251.1130, -7.7480,
-2.7560

■ 150.9020,
-22.9710, 3.3090

■ 124.7880,
-22.6500, 2.9980

■ 99.6740, -22.3290,
2.6870

■ 75.5600, -22.0080,
2.3760

■ 52.1470, -22.2830,
1.8530

■ 28.5380, -24.9420,

0.4820

■ 12.2080, -15.0850,
3.5630

■ 1.3680, -3.8520,
3.7320

■ 205.1300,
-23.6130, 3.9310

■ 205.1300,
-23.6130, 3.9310

■ 190.3230,
-34.3420, 5.6420

■ 219.9370,
-12.8840, 2.2200

■ 175.5160,
-45.0710, 7.3530

■ 234.7440, -2.1550,
0.5090

■ 161.0080,
-55.2040, 9.2760

■ 248.9530, 7.3820,
-1.6260

■ 146.2010,
-65.9330, 10.9870

■ 253.0620, 5.4570,
-5.2870

■ 131.3940,
-76.6620, 12.6980

■ 116.5870,
-87.3910, 14.4090

■ 101.7800,
-98.1200, 16.1200

■ 90.5280,
-106.0980, 17.5340

Harmonies

Analogous

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



202.3090, -31.7270, -3.2070



205.1300, -23.6130, 3.9310



207.9470, -9.6760, 10.1640

Triad

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



205.1300, -23.6130, 3.9310



209.2270, 27.4620, 8.9180



202.8490, -7.4250, -14.1210

Complementary

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



205.1300, -23.6130, 3.9310



217.8700, 23.6130, -3.9310

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.



204.4550, 8.4840, -10.5880



205.1300, -23.6130, 3.9310



208.0110, 27.8300, 2.2460

Square

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



205.1300, -23.6130, 3.9310



209.9690, 19.6210, 13.3570



206.3750, 20.6330, -4.9910



201.2480, -21.7300, -13.6820

Rectangle

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



205.1300, -23.6130, 3.9310



209.1010, 1.6940, 13.3580



206.3750, 20.6330, -4.9910



203.0130, -2.0150, -13.0470

Sweetspot

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



205.1300, -23.6130, 3.9310



243.7480, -7.9780, 1.4140



219.3030, -23.5630, -19.0110



121.1890, -4.9060, 0.8060



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.



205.1300, -23.6130, 3.9310



212.0630, -30.6740, 5.2460



191.6400, -15.8210, 16.9070



112.3030, -5.2270, 1.1170



69.6970, -81.8890, 13.8150



21.0590, -24.8510, 4.3410

Inverse Universe

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



203.5830, 23.8840, 18.7000



210.1650, 31.1730, 24.2690



231.3600, 15.8210, -16.9070



112.1580, 5.5470, 4.0990



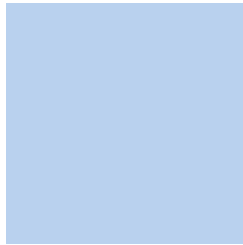
64.4780, 83.0210, 64.8210



19.5940, 25.3510, 19.6470

Previews

White Background



This preview shows how the YIQ color 205.1300, -23.6130, 3.9310 looks on a white background.

Color Contrast Check

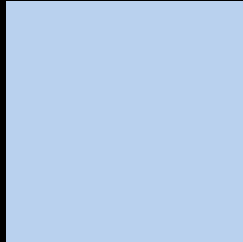
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 205.1300, -23.6130, 3.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

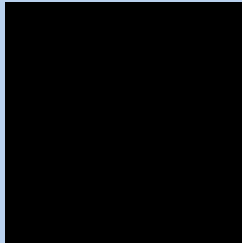
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

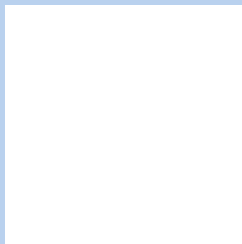
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 205.1300, -23.6130, 3.9310

Background



This preview shows how black text looks on a background with the YIQ color 205.1300, -23.6130, 3.9310.



This preview shows how white text looks on a background with the YIQ color 205.1300, -23.6130,

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

205.1300, -23.6130, 3.9310

Protanopia

207.2240, -12.0140, 8.4820

Deuteranopia

208.1370, -7.1550, 14.0370



Tritanopia

204.5660, -22.1450, -0.6490

Trichromacy



Original Color

205.1300, -23.6130, 3.9310

Protanomaly

206.1310, -16.1860, 6.9980

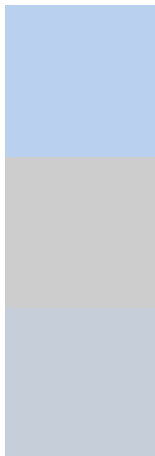
Deuteranomaly

207.0930, -13.0230, 10.2490

Tritanomaly

204.7340, -22.5580, 1.3300

Monochromacy



Original Color

205.1300, -23.6130, 3.9310

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8620, -8.2990, 1.7250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.1300, -23.6130, 3.9310 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(185, 209, 238)` looks like.

```
.text, #text, p{  
    color:rgb(185, 209, 238)  
}
```

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(185, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 209, 238) }
```

Border

The CSS property to change the border of an element to YIQ 205.1300, -23.6130, 3.9310 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(185, 209, 238) }
```


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

```
.border{ border-color:rgb(185, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 209, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 209, 238);  
box-shadow:4px 4px 4px 4px rgb(185, 209,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 205.1300, -23.6130, 3.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 209, 238) }
```

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

```
.background{ background-color: rgb(185,  
209, 238) }
```

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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