

Converting Colors

YIQ(200.5720, -13.1140, 6.3900)

Have a look what the booklet for
YIQ(200.5720, -13.1140, 6.3900)
contains.

YIQ(200.5720, -13.1140, 6.3900)	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(200.5720, -13.1140,
6.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C8E2
RGB	192, 200, 226
RGB Percent	75%, 78%, 89%
CMY	0.2471, 0.2157, 0.1138
CMYK	0.15, 0.11, 0.00, 0.11
HSL	226°, 37%, 82%
HSV	226°, 15%, 89%
XYZ	56.1181, 58.0065, 80.1769
YIQ	200.5720, -13.1140, 6.3900

Conversions

Conversions Part 2

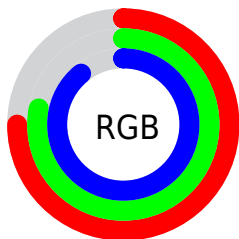
Format	Color
R _Y B	192, 198, 226
Decimal	12634338
CIE Lab	80.74, 2.47, -13.81
CIE LCh	81, 14.025, 280.134
Yxy	58.0065, 0.2888, 0.2985
Android (android.graphics.Color)	4290824418 (0xFFC0C8E2)
YUV	200.5720, 12.5360, -7.5176
Hunter-Lab	76.1620, -1.7602, -9.1021

Details

The YIQ color $200.5720, -13.1140, 6.3900$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $217.4280, 13.1140, -6.3900$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.2060, -3.5760, -1.2720$, and $146.4580, -12.7930, 6.0790$ is the 20% darker color. If you saturate the color by 10%, you get $183.7160, -22.1470, 10.4050$, and if you desaturate by 10%, it is $217.4280, -4.0810, 2.3750$.

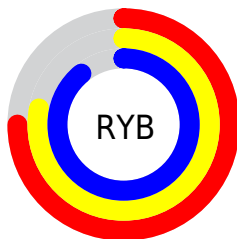
Distribution



Red (75%)

Green (78%)

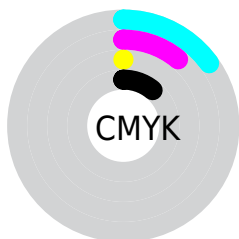
Blue (89%)



Red (75%)

Yellow (78%)

Blue (89%)

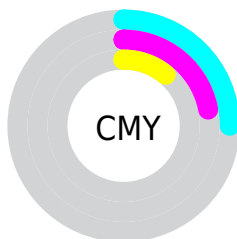


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.5720, -13.1140, 6.3900 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 200.5720, -13.1140, 6.3900 by changing the saturation by 10% instead.

■ 200.5720,
-13.1140, 6.3900

■ 200.5720,
-13.1140, 6.3900

■ 255.0000, -0.0000,
-0.0000

■ 173.4580,
-12.7930, 6.0790

■ 253.2060, -3.5760,
-1.2720

■ 146.4580,
-12.7930, 6.0790

■ 120.6430,
-11.8760, 5.9800

■ 96.1160, -11.8300,
5.1460

■ 72.1160, -11.8300,
5.1460

■ 49.5890, -11.7840,
4.3120

■ 28.4750, -11.4630,

4.0010

■ 4.2520, -9.2170,
7.3510

■ 0.0000, 0.0000,
0.0000

■ 200.5720,
-13.1140, 6.3900

■ 200.5720,
-13.1140, 6.3900

■ 183.7160,
-22.1470, 10.4050

■ 217.4280, -4.0810,
2.3750

■ 166.5720,
-30.3090, 15.1550

■ 234.5720, 4.0810,
-2.3750

■ 149.7160,
-39.3420, 19.1700

■ 249.9330, 10.1340,
-7.4500

■ 133.1590,
-47.7790, 23.3970

■ 251.6940, 9.3090,
-9.0190

■ 116.3030,
-56.8120, 27.4120

■ 98.8600, -65.5700,
31.9500

■ 82.3030, -74.0070,
36.1770

■ 65.4470, -83.0400,
40.1920

■ 56.8750, -87.1210,
42.5670

Harmonies

Analogous

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



198.3210, -22.8330, 0.8070



200.5720, -13.1140, 6.3900



202.3240, -0.5520, 10.0080

Triad

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



200.5720, -13.1140, 6.3900



202.1400, 23.1530, 4.4090



196.2060, -12.7440, -11.3360

Complementary

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



200.5720, -13.1140, 6.3900



217.4280, 13.1140, -6.3900

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.



197.9640, -0.3190, -10.7430



200.5720, -13.1140, 6.3900



201.1840, 19.8530, -1.8670

Square

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



200.5720, -13.1140, 6.3900



203.2200, 20.1720, 8.8760



199.5310, 11.3260, -7.0260



195.8830, -21.9600, -9.5120

Rectangle

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



200.5720, -13.1140, 6.3900



202.8690, 8.1590, 11.8310



199.5310, 11.3260, -7.0260



197.2450, -8.4800, -11.5200

Sweetspot

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



200.5720, -13.1140, 6.3900



245.2430, -4.9980, 2.4740



214.8080, -17.3750, -10.0070



122.0860, -3.1180, 1.4420



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.



200.5720, -13.1140, 6.3900



220.7010, -17.7910, 8.5530



198.2680, -6.1460, 12.2700



104.0150, -4.3560, 1.8520



44.1310, -67.7710, 33.2930



11.9290, -18.4330, 9.1750

Inverse Universe

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



203.0780, 17.6960, 9.6960



224.0080, 23.8850, 13.1730



219.4330, 5.5500, -12.4820



104.6310, 5.5930, 3.2650



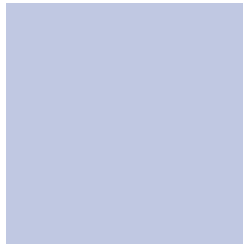
57.2980, 91.7350, 50.0630



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 200.5720, -13.1140, 6.3900 looks on a white background.

Color Contrast Check

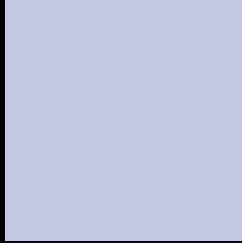
Large Text (above 18pt) WCAG AA × Fail

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 200.5720, -13.1140, 6.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

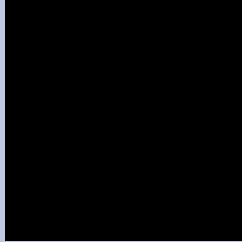
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.5720, -13.1140, 6.3900

Background



This preview shows how black text looks on a background with the YIQ color 200.5720, -13.1140, 6.3900.

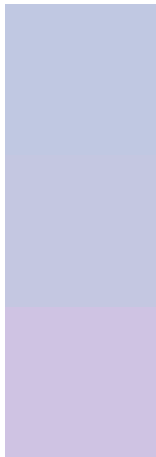


This preview shows how white text looks on a background with the YIQ color 200.5720, -13.1140,

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

200.5720, -13.1140, 6.3900

Protanopia

201.0670, -10.1340, 7.4500

Deuteranopia

202.2360, -3.1200, 12.4960



Tritanopia

199.5350, -11.6920, 2.6440

Trichromacy



Original Color

200.5720, -13.1140, 6.3900

Protanomaly

200.7680, -10.7300, 7.2380

Deuteranomaly

201.9150, -6.6500, 10.3900

Tritanomaly

200.1760, -12.0590, 3.7890

Monochromacy



Original Color

200.5720, -13.1140, 6.3900

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1290, -4.6770, 2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5720, -13.1140, 6.3900 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(192, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(192, 200, 226)  
}
```

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(192, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 200, 226) }
```

Border

The CSS property to change the border of an element to YIQ 200.5720, -13.1140, 6.3900 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(192, 200, 226) }
```


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

```
.border{ border-color:rgb(192, 200, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 200, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 200, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 200, 226);  
box-shadow:4px 4px 4px 4px rgb(192, 200,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5720, -13.1140, 6.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 200, 226) }
```

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

```
.background{ background-color: rgb(192,  
200, 226) }
```

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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