

Converting Colors

YIQ(188.5090, -25.9980, 8.6100)

Have a look what the booklet for
YIQ(188.5090, -25.9980, 8.6100)
contains.

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Color

**YIQ(188.5090, -25.9980,
8.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BEE8
RGB	169, 190, 232
RGB Percent	66%, 75%, 91%
CMY	0.3373, 0.2549, 0.0903
CMYK	0.27, 0.18, 0.00, 0.09
HSL	220°, 58%, 79%
HSV	220°, 27%, 91%
XYZ	49.3368, 51.0894, 83.5791
YIQ	188.5090, -25.9980, 8.6100

Conversions

Conversions Part 2

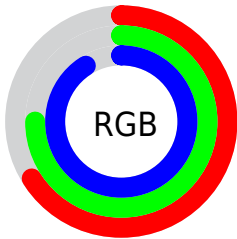
Format	Color
R _Y B	169, 185, 232
Decimal	11124456
CIE Lab	76.73, 2.12, -23.24
CIE LCh	77, 23.335, 275.221
Yxy	51.0894, 0.2681, 0.2777
Android (android.graphics.Color)	4289314536 (0xFFA9BEE8)
YUV	188.5090, 21.4411, -17.1094
Hunter-Lab	71.4768, -1.8749, -19.2950

Details

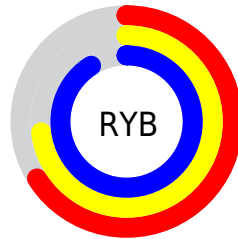
The YIQ color **188.5090, -25.9980, 8.6100** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **212.4910, 25.9980, -8.6100**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.7470, -15.4050, -1.6530**, and **134.8680, -25.6310, 7.4650** is the 20% darker color. If you saturate the color by 10%, you get **172.8270, -35.5810, 11.5790**, and if you desaturate by 10%, it is **204.1910, -16.4150, 5.6410**.

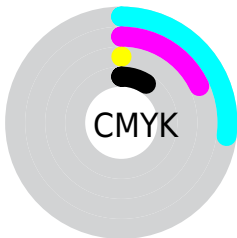
Distribution



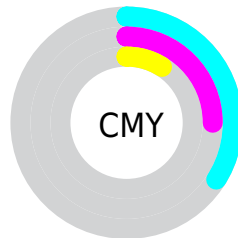
- Red (66%)
- Green (75%)
- Blue (91%)



- Red (66%)
- Yellow (73%)
- Blue (91%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.5090, -25.9980, 8.6100 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 188.5090, -25.9980, 8.6100 by changing the saturation by 10% instead.

■ 188.5090,
-25.9980, 8.6100

■ 188.5090,
-25.9980, 8.6100

■ 255.0000, -0.0000,
-0.0000

■ 161.3950,
-25.6770, 8.2990

■ 240.7470,
-15.4050, -1.6530

■ 134.8680,
-25.6310, 7.4650

■ 254.7010, -0.5960,
-0.2120

■ 109.0530,
-24.7140, 7.3660

■ 84.6400, -24.9890,
6.8430

■ 60.5150, -26.1350,
5.5850

■ 36.7920, -28.4730,
3.9030

■ 18.8420, -22.7420,

4.6660

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,
0.3110

■ 188.5090,
-25.9980, 8.6100

■ 188.5090,
-25.9980, 8.6100

■ 172.8270,
-35.5810, 11.5790

■ 204.1910,
-16.4150, 5.6410

■ 156.5580,
-44.8890, 15.0710

■ 220.4600, -7.1070,
2.1490

■ 140.5770,
-55.0680, 17.8280

■ 236.4410, 3.0720,
-0.6080

■ 124.3080,
-64.3760, 21.3200

■ 250.6170, 8.2080,
-5.5840

■ 108.6260,
-73.9590, 24.2890

■ 252.3780, 7.3830,
-7.1530

■ 92.3570, -83.2670,
27.7810

■ 76.6750, -92.8500,
30.7500

■ 71.6470, -95.6470,
31.8810

Harmonies

Analogous

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



183.8010, -41.8600, -1.2840



188.5090, -25.9980, 8.6100



192.2730, -4.5420, 16.2420

Triad

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



188.5090, -25.9980, 8.6100



191.7890, 37.5030, 8.6630



182.9400, -18.1070, -18.7710

Complementary

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



188.5090, -25.9980, 8.6100



212.4910, 25.9980, -8.6100

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.



185.8300, 2.7540, -16.8780



188.5090, -25.9980, 8.6100



190.1270, 33.1950, -1.3730

Square

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



188.5090, -25.9980, 8.6100



193.0090, 31.3120, 16.2400



187.9850, 21.5510, -10.6170



180.8270, -36.7220, -17.3140

Rectangle

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



188.5090, -25.9980, 8.6100



192.8680, 9.9000, 18.8280



187.9850, 21.5510, -10.6170



183.9470, -10.8170, -18.7290

Sweetspot

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



188.5090, -25.9980, 8.6100



240.8020, -8.0700, 3.0820



210.6550, -30.4860, -20.1980



118.8300, -5.2730, 1.9510



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.



188.5090, -25.9980, 8.6100



197.0120, -34.6640, 11.4800



178.8730, -14.8590, 21.5010



106.7160, -4.9520, 1.6400



55.6260, -73.9590, 24.2890



15.7930, -21.0460, 6.9700

Inverse Universe

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



190.2310, 30.8070, 19.8870



199.3080, 41.0760, 26.5160



222.1270, 14.8590, -21.5010



107.0440, 5.8680, 3.7880



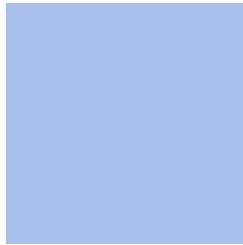
60.3610, 87.4240, 56.6080



17.1870, 24.9390, 16.0990

Previews

White Background



This preview shows how the YIQ color 188.5090, -25.9980, 8.6100 looks on a white background.

Color Contrast Check

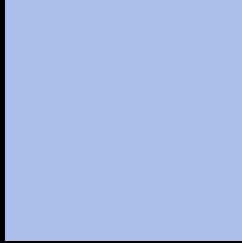
Large Text (above 18pt) WCAG AA × Fail

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 188.5090, -25.9980, 8.6100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

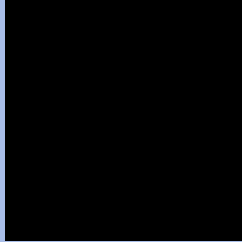
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.5090, -25.9980, 8.6100

Background



This preview shows how black text looks on a background with the YIQ color 188.5090, -25.9980, 8.6100.



This preview shows how white text looks on a background with the YIQ color 188.5090, -25.9980,

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

188.5090, -25.9980, 8.6100

Protanopia

189.5100, -18.5710, 11.6770

Deuteranopia

190.4720, -15.4080, 14.9280



Tritanopia

186.7400, -22.6950, -1.6950

Trichromacy



Original Color

188.5090, -25.9980, 8.6100

Protanomaly

189.0150, -21.5510, 10.6170

Deuteranomaly

189.8520, -19.5340, 12.6100

Tritanomaly

187.6630, -23.7960, 1.7400

Monochromacy



Original Color

188.5090, -25.9980, 8.6100

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7310, -9.3080, 3.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5090, -25.9980, 8.6100 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(169, 190, 232)` looks like.

```
.text, #text, p{  
    color:rgb(169, 190, 232)  
}
```

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(169, 190, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 190, 232) }
```

Border

The CSS property to change the border of an element to YIQ 188.5090, -25.9980, 8.6100 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(169, 190, 232) }
```


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

```
.border{ border-color:rgb(169, 190, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 190, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 190, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 190, 232);  
box-shadow:4px 4px 4px 4px rgb(169, 190,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5090, -25.9980, 8.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 190, 232) }
```

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

```
.background{ background-color: rgb(169,  
190, 232) }
```

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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