

Converting Colors

YIQ(137.9950, -53.1890,
22.3230)

Have a look what the booklet for
YIQ(137.9950, -53.1890, 22.3230)
contains.

YIQ(137.9950, -53.1890, 22.3230)	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(137.9950, -53.1890,
22.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	658AEB
RGB	101, 138, 235
RGB Percent	40%, 54%, 92%
CMY	0.6039, 0.4588, 0.0787
CMYK	0.57, 0.41, 0.00, 0.08
HSL	223°, 77%, 66%
HSV	223°, 57%, 92%
XYZ	29.4416, 26.9417, 82.1905
YIQ	137.9950, -53.1890, 22.3230

Conversions

Conversions Part 2

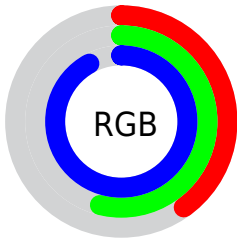
Format	Color
RYB	101, 130, 235
Decimal	6654699
CIELab	58.92, 15.37, -52.93
CIELCh	59, 55.118, 286.197
Yxy	26.9417, 0.2125, 0.1944
Android (android.graphics.Color)	4284844779 (0xFF658AEB)
YUV	137.9950, 47.8235, -32.4446
Hunter-Lab	51.9054, 10.4137, -57.5499

Details

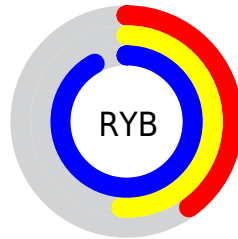
The YIQ color $137.9950, -53.1890, 22.3230$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $198.0050, 53.1890, -22.3230$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $189.0270, -39.0200, 13.3320$, and $81.6190, -64.0540, 15.4820$ is the 20% darker color. If you saturate the color by 10%, you get $121.1390, -62.2220, 26.3380$, and if you desaturate by 10%, it is $154.8510, -44.1560, 18.3080$.

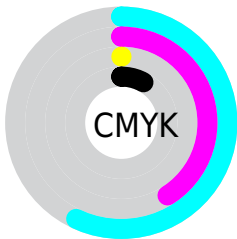
Distribution



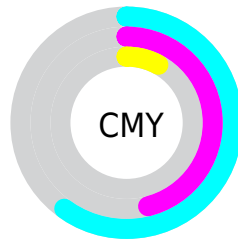
- Red (40%)
- Green (54%)
- Blue (92%)



- Red (40%)
- Yellow (51%)
- Blue (92%)



- Cyan (57%)
- Magenta (41%)
- Yellow (0%)
- Black (8%)



- Cyan (60%)
- Magenta (46%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9950, -53.1890, 22.3230 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 137.9950, -53.1890, 22.3230 by changing the saturation by 10% instead.

■ 137.9950,
-53.1890, 22.3230

■ 137.9950,
-53.1890, 22.3230

■ 255.0000, -0.0000,
-0.0000

■ 110.4460,
-56.0770, 19.5950

■ 189.0270,
-39.0200, 13.3320

■ 81.8040, -63.1370,
15.3830

■ 214.4330,
-28.8400, 5.0480

■ 55.9560, -66.6210,
12.4430

■ 239.8390,
-18.6600, -3.2360

■ 40.6650, -52.5000,
15.3400

■ 253.5050, -2.9800,
-1.0600

■ 25.9610, -38.6540,
17.7140

■ 9.1370, -24.3500,
22.8020

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 137.9950,
-53.1890, 22.3230

■ 137.9950,
-53.1890, 22.3230

■ 121.1390,
-62.2220, 26.3380

■ 154.8510,
-44.1560, 18.3080

■ 103.9840,
-71.8510, 30.1410

■ 172.0060,
-34.5270, 14.5050

■ 87.1280, -80.8840,
34.1560

■ 188.8620,
-25.4940, 10.4900

■ 69.9730, -90.5130,
37.9590

■ 206.0170,
-15.8650, 6.6870

■ 64.9450, -93.3100,
39.0900

■ 222.8730, -6.8320,
2.6720

■ 240.0280, 2.7970,
-1.1310

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



116.7150, -117.8310, -6.6230



137.9950, -53.1890, 22.3230



146.3140, 6.5490, 41.0210

Triad

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



137.9950, -53.1890, 22.3230



139.0630, 74.7780, 10.4420



109.6060, -82.6570, -49.3850

Complementary

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



137.9950, -53.1890, 22.3230



198.0050, 53.1890, -22.3230

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.



126.5540, -14.9850, -42.3210



137.9950, -53.1890, 22.3230



137.2990, 61.3490, -16.0190

Square

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



137.9950, -53.1890, 22.3230



139.7480, 72.2520, 34.2040



133.6060, 31.9630, -34.1250



115.8930, -98.9820, -34.3580

Rectangle

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



137.9950, -53.1890, 22.3230



144.5750, 36.6710, 45.7830



133.6060, 31.9630, -34.1250



108.1030, -73.9910, -52.2550

Sweetspot

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



137.9950, -53.1890, 22.3230



223.9460, -17.1030, 7.0970



190.6020, -67.6660, -40.2260



109.0730, -10.2710, 4.4250



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.



137.9950, -53.1890, 22.3230



129.8980, -68.7330, 28.6990



124.9470, -25.7300, 47.8220



109.0150, -4.3560, 1.8520



49.9840, -71.8510, 30.1410



14.9610, -21.4590, 8.9490

Inverse Universe

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



145.2840, 67.9870, 39.9150



139.1990, 87.7000, 51.6040



211.0530, 25.7300, -47.8220



109.6310, 5.5930, 3.2650



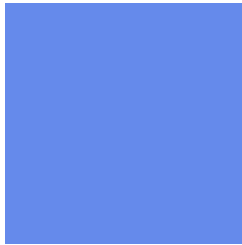
59.8190, 91.8260, 53.9220



17.8560, 27.3690, 16.1130

Previews

White Background



This preview shows how the YIQ color 137.9950, -53.1890, 22.3230 looks on a white background.

Color Contrast Check

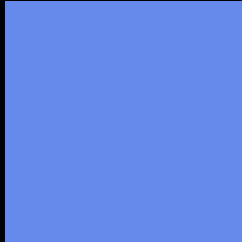
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9950, -53.1890, 22.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

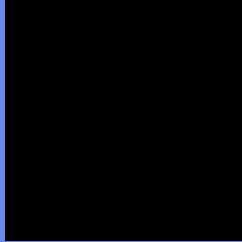
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.9950, -53.1890, 22.3230

Background



This preview shows how black text looks on a background with the YIQ color 137.9950, -53.1890, 22.3230.



This preview shows how white text looks on a background with the YIQ color 137.9950, -53.1890,

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

137.9950, -53.1890, 22.3230

Protanopia

137.9950, -53.1890, 22.3230

Deuteranopia

133.9500, -66.4840, 15.4680



Tritanopia

130.4480, -51.5320, -13.2280

Trichromacy



Original Color

137.9950, -53.1890, 22.3230

Protanomaly

137.9950, -53.1890, 22.3230

Deuteranomaly

135.7550, -61.4410, 17.6870

Tritanomaly

133.3530, -52.2220, -0.7180

Monochromacy



Original Color

137.9950, -53.1890, 22.3230

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.1030, -18.9830, 8.1290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9950, -53.1890, 22.3230 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(101, 138, 235)` looks like.

```
.text, #text, p{  
    color:rgb(101, 138, 235)  
}
```

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(101, 138, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 138, 235) }
```

Border

The CSS property to change the border of an element to YIQ 137.9950, -53.1890, 22.3230 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(101, 138, 235) }
```


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

```
.border{ border-color:rgb(101, 138, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 138, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 138, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 138, 235);  
box-shadow:4px 4px 4px 4px rgb(101, 138,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9950, -53.1890, 22.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 138, 235) }
```

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

```
.background{ background-color: rgb(101,  
138, 235) }
```

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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