

Converting Colors

YIQ(112.3860, -91.3790, 9.5890)

Have a look what the booklet for
YIQ(112.3860, -91.3790, 9.5890)
contains.

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Color

**YIQ(112.3860, -91.3790,
9.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	1F83E6
RGB	31, 131, 230
RGB Percent	12%, 51%, 90%
CMY	0.8785, 0.4861, 0.0985
CMYK	0.87, 0.43, 0.00, 0.10
HSL	210°, 80%, 51%
HSV	210°, 87%, 90%
XYZ	22.9529, 22.2415, 77.8637
YIQ	112.3860, -91.3790, 9.5890

Conversions

Conversions Part 2

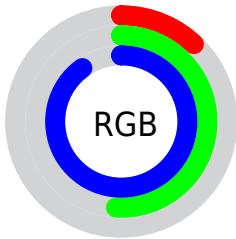
Format	Color
R_{YB}	31, 98, 230
Decimal	2065382
CIE _{Lab}	54.28, 8.42, -57.67
CIE _{LCh}	54, 58.285, 278.310
Yxy	22.2415, 0.1865, 0.1807
Android (android.graphics.Color)	4280255462 (0xFF1F83E6)
YUV	112.3860, 57.9837, -71.3755
Hunter-Lab	47.1608, 4.3434, -64.8767

Details

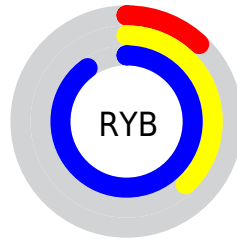
The YIQ color **112.3860, -91.3790, 9.5890** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **148.6140, 91.3790, -9.5890**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2780, -64.8320, 7.5520**, and **68.5570, -78.6790, 10.7050** is the 20% darker color. If you saturate the color by 10%, you get **99.0520, -102.0620, 10.4660**, and if you desaturate by 10%, it is **125.7200, -80.6960, 8.7120**.

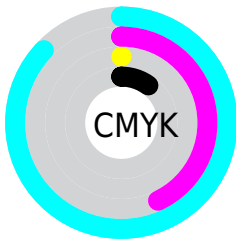
Distribution



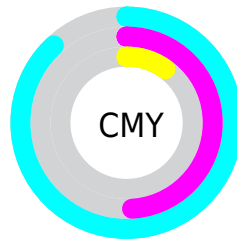
- Red (12%)
- Green (51%)
- Blue (90%)



- Red (12%)
- Yellow (38%)
- Blue (90%)



- Cyan (87%)
- Magenta (43%)
- Yellow (0%)
- Black (10%)



- Cyan (88%)
- Magenta (49%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.3860, -91.3790, 9.5890 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 112.3860, -91.3790, 9.5890 by changing the saturation by 10% instead.

■ 112.3860,
-91.3790, 9.5890

■ 112.3860,
-91.3790, 9.5890

■ 255.0000, -0.0000,
-0.0000

■ 85.1360, -93.6710,
7.0730

■ 170.2780,
-64.8320, 7.5520

■ 68.5570, -78.6790,
10.7050

■ 196.2820,
-53.4600, -0.3080

■ 51.8640, -63.3660,
14.0260

■ 221.9870,
-42.6840, -8.3800

■ 37.1600, -49.5200,
16.4000

■ 240.6480,
-28.6080, -10.1760

■ 22.5700, -35.9950,
19.0850

■ 249.9170,
-10.1320, -3.6040

■ 12.6760, -24.6700,
17.5860

■ 7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 112.3860,
-91.3790, 9.5890

■ 112.3860,
-91.3790, 9.5890

■ 99.0520,
-102.0620, 10.4660

■ 125.7200,
-80.6960, 8.7120

■ 94.3120,
-105.7300, 10.8620

■ 139.6410,
-70.2880, 7.3120

■ 152.9750,
-59.6050, 6.4350

■ 166.8960,
-49.1970, 5.0350

■ 180.2300,
-38.5140, 4.1580

■ 194.1510,
-28.1060, 2.7580

■ 207.4850,
-17.4230, 1.8810

■ 220.8190, -6.7400,
1.0040

■ 234.7400, 3.6680,
-0.3960

Harmonies

Analogous

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



110.5370, -111.4580, -6.4820



112.3860, -91.3790, 9.5890



133.2460, -7.9390, 39.2690

Triad

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



112.3860, -91.3790, 9.5890



125.9590, 78.3070, 18.0750



99.0110, -70.7360, -50.6720

Complementary

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



112.3860, -91.3790, 9.5890



148.6140, 91.3790, -9.5890

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.



115.7420, -0.9550, -43.2830



112.3860, -91.3790, 9.5890



125.2400, 69.0050, -11.5950

Square

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



112.3860, -91.3790, 9.5890



126.1920, 71.2420, 41.4980



120.8540, 45.7640, -36.4440



106.1130, -87.9780, -35.5460

Rectangle

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



112.3860, -91.3790, 9.5890



132.8390, 27.1800, 47.0840



120.8540, 45.7640, -36.4440



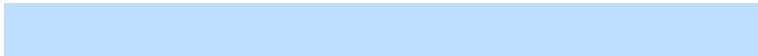
102.7760, -51.0210, -50.0370

Sweetspot

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



112.3860, -91.3790, 9.5890



215.8950, -30.2610, 3.2670



158.7570, -85.5410, -74.2210



104.3000, -18.3400, 1.9800



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.



112.3860, -91.3790, 9.5890



104.2060, -117.0550, 12.3610



55.4470, -64.7040, 60.3200



107.8900, -5.5020, 0.5940



73.2360, -82.2090, 8.5990



21.0760, -23.5210, 2.2630

Inverse Universe

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



101.9010, 86.5040, 73.2880



90.8370, 110.8920, 93.8680



205.5530, 64.7040, -60.3200



107.2720, 5.2260, 4.4100



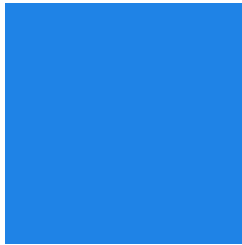
63.7810, 77.7940, 65.9380



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 112.3860, -91.3790, 9.5890 looks on a white background.

Color Contrast Check

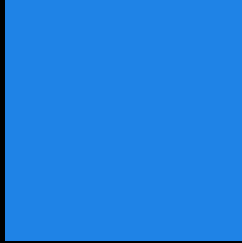
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3860, -91.3790, 9.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

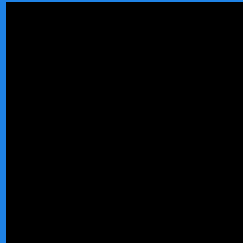
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

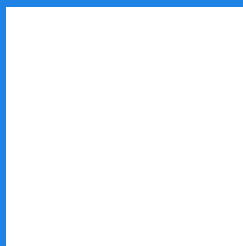
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 112.3860, -91.3790, 9.5890

Background



This preview shows how black text looks on a background with the YIQ color 112.3860, -91.3790, 9.5890.



This preview shows how white text looks on a background with the YIQ color 112.3860, -91.3790, 9.5890.

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

112.3860, -91.3790, 9.5890

Protanopia

124.7280, -56.8110, 21.8850

Deuteranopia

112.6850, -90.7830, 9.8010



Tritanopia

101.3830, -88.4380, -27.2060

Trichromacy



Original Color

112.3860, -91.3790, 9.5890

Protanomaly

120.4490, -69.3270, 17.4330

Deuteranomaly

112.6850, -90.7830, 9.8010

Tritanomaly

105.5160, -89.7700, -14.0740

Monochromacy



Original Color

112.3860, -91.3790, 9.5890

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.3400, -33.0120, 3.5640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.3860, -91.3790, 9.5890 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(31, 131, 230)` looks like.

```
.text, #text, p{  
    color:rgb(31, 131, 230)  
}
```

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(31, 131, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 131, 230) }
```

Border

The CSS property to change the border of an element to YIQ 112.3860, -91.3790, 9.5890 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(31, 131, 230) }
```


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

```
.border{ border-color:rgb(31, 131, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 131, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 131, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 131, 230);  
box-shadow:4px 4px 4px 4px rgb(31, 131,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 112.3860, -91.3790, 9.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 131, 230) }
```

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

```
.background{ background-color: rgb(31, 131,  
230) }
```

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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