

Converting Colors

YIQ(90.8120, -56.4470, 37.3210)

Have a look what the booklet for
YIQ(90.8120, -56.4470, 37.3210)
contains.

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Color

**YIQ(90.8120, -56.4470,
37.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	3C52D9
RGB	60, 82, 217
RGB Percent	24%, 32%, 85%
CMY	0.7646, 0.6784, 0.1493
CMYK	0.72, 0.62, 0.00, 0.15
HSL	232°, 67%, 54%
HSV	232°, 72%, 85%
XYZ	17.3955, 12.0023, 66.9884
YIQ	90.8120, -56.4470, 37.3210

Conversions

Conversions Part 2

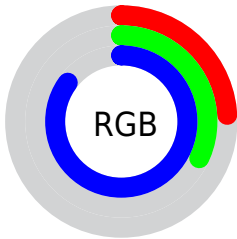
Format	Color
R_{YB}	60, 79, 217
Decimal	3953369
CIE _{Lab}	41.22, 37.24, -71.45
CIE _{LCh}	41, 80.572, 297.532
Yxy	12.0023, 0.1805, 0.1245
Android (android.graphics.Color)	4282143449 (0xFF3C52D9)
YUV	90.8120, 62.2107, -27.0221
Hunter-Lab	34.6444, 28.9998, -90.3920

Details

The YIQ color **90.8120, -56.4470, 37.3210** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **186.1880, 56.4470, -37.3210**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.2390, -41.5920, 37.9280**, and **40.6600, -62.1310, 30.1970** is the 20% darker color. If you saturate the color by 10%, you get **73.0810, -64.3340, 42.5940**, and if you desaturate by 10%, it is **108.5430, -48.5600, 32.0480**.

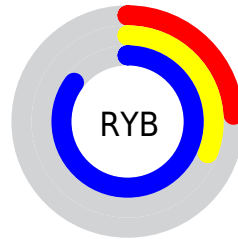
Distribution



Red (24%)

Green (32%)

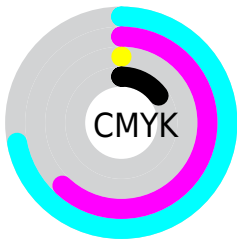
Blue (85%)



Red (24%)

Yellow (31%)

Blue (85%)

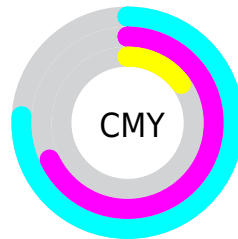


Cyan (72%)

Magenta (62%)

Yellow (0%)

Black (15%)



Cyan (76%)

Magenta (68%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.8120, -56.4470, 37.3210 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 90.8120, -56.4470, 37.3210 by changing the saturation by 10% instead.

■ 90.8120, -56.4470,
37.3210

■ 90.8120, -56.4470,
37.3210

■ 255.0000, -0.0000,
-0.0000

■ 56.1790, -76.8940,
27.9220

■ 144.2390,
-41.5920, 37.9280

■ 40.6600, -62.1310,
30.1970

■ 168.4710,
-30.8620, 30.6900

■ 26.4290, -48.2390,
31.7370

■ 193.5890,
-19.8110, 23.1410

■ 12.3120, -34.6680,
33.5880

■ 219.2940, -9.0350,
15.0690

■ 15.8050, -29.3470,
19.7490

■ 244.7000, 1.1450,
6.7850

■ 10.1340, -20.2680,
14.9000

■ 5.2780, -12.1060,

10.1500

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 90.8120, -56.4470,
37.3210

■ 90.8120, -56.4470,
37.3210

■ 73.0810, -64.3340,
42.5940

■ 108.5430,
-48.5600, 32.0480

■ 56.2360, -71.9000,
47.5560

■ 125.3880,
-40.9940, 27.0860

■ 42.3480, -77.9070,
51.7970

■ 143.1190,
-33.1070, 21.8130

■ 160.8500,
-25.2200, 16.5400

■ 177.6950,
-17.6540, 11.5780

■ 195.4260, -9.7670,
6.3050

■ 213.1570, -1.8800,
1.0320

■ 230.3010, 6.2820,
-3.7180

■ 247.7330, 13.5730,
-9.2030

Harmonies

Analogous

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



90.4310, -104.4470, 15.1450



90.8120, -56.4470, 37.3210



85.7490, 37.2620, 73.6300

Triad

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



90.8120, -56.4470, 37.3210



86.6480, 86.0120, 5.0840



81.8740, -62.4400, -35.8160

Complementary

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



90.8120, -56.4470, 37.3210



186.1880, 56.4470, -37.3210

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.



70.7650, -35.2930, -59.7490



90.8120, -56.4470, 37.3210



91.6670, 48.3290, -22.3510

Square

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



90.8120, -56.4470, 37.3210



65.0720, 107.2310, 55.5750



82.4990, 4.0430, -45.7570



90.0990, -84.2220, -15.5020

Rectangle

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



90.8120, -56.4470, 37.3210



73.4950, 76.3240, 81.5720



82.4990, 4.0430, -45.7570



79.1380, -54.7360, -43.2800

Sweetspot

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



90.8120, -56.4470, 37.3210



210.0800, -20.1760, 13.2320



167.3210, -85.8680, -40.7480



100.8110, -12.2890, 7.9590



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.



90.8120, -56.4470, 37.3210



76.5050, -79.7870, 52.8290



94.3430, -17.6170, 60.4870



100.8410, -3.8060, 2.8980



33.8100, -62.1330, 41.2510



8.7660, -16.4160, 11.1680

Inverse Universe

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



109.4510, 86.5100, 40.1260



102.9120, 122.3610, 56.7050



182.6570, 17.6170, -60.4870



102.4030, 6.2350, 2.6430



54.4630, 95.4040, 44.1400



14.4380, 25.4900, 11.6180

Previews

White Background



This preview shows how the YIQ color 90.8120, -56.4470, 37.3210 looks on a white 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

Black Background



This preview shows how the YIQ color 90.8120, -56.4470, 37.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

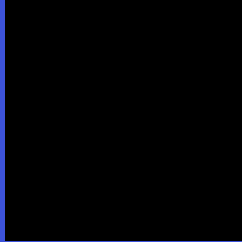
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.8120, -56.4470, 37.3210

Background



This preview shows how black text looks on a background with the YIQ color 90.8120, -56.4470, 37.3210.



This preview shows how white text looks on a background with the YIQ color 90.8120, -56.4470,

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

90.8120, -56.4470, 37.3210

Protanopia

77.0490, -88.8120, 12.6280

Deuteranopia

77.3790, -81.4740, 0.7820



Tritanopia

75.9190, -66.3400, -20.1960

Trichromacy



Original Color

90.8120, -56.4470, 37.3210

Protanomaly

82.0770, -76.8470, 21.5610

Deuteranomaly

82.3730, -72.1690, 13.8710

Tritanomaly

81.4320, -62.6300, 0.6820

Monochromacy



Original Color

90.8120, -56.4470, 37.3210

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.1940, -20.4970, 13.5430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.8120, -56.4470, 37.3210 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(60, 82, 217)` looks like.

```
.text, #text, p{  
    color:rgb(60, 82, 217)  
}
```

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(60, 82, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 82, 217) }
```

Border

The CSS property to change the border of an element to YIQ 90.8120, -56.4470, 37.3210 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(60, 82, 217) }
```


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

```
.border{ border-color:rgb(60, 82, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 82, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 82, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 82, 217);  
box-shadow:4px 4px 4px 4px rgb(60, 82,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 90.8120, -56.4470, 37.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 82, 217) }
```

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

```
.background{ background-color: rgb(60, 82,  
217) }
```

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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