

Converting Colors

YIQ(145.7090, -20.2690,
20.4270)

Have a look what the booklet for
YIQ(145.7090, -20.2690, 20.4270)
contains.

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Color

**YIQ(145.7090, -20.2690,
20.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8ACB
RGB	139, 138, 203
RGB Percent	55%, 54%, 80%
CMY	0.4548, 0.4588, 0.2040
CMYK	0.32, 0.32, 0.00, 0.20
HSL	241°, 38%, 67%
HSV	241°, 32%, 80%
XYZ	30.5132, 27.9770, 60.2710
YIQ	145.7090, -20.2690, 20.4270

Conversions

Conversions Part 2

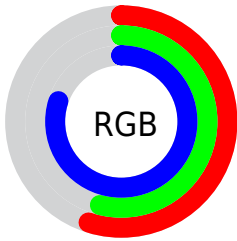
Format	Color
R_{YB}	139, 138, 203
Decimal	9145035
CIE _{Lab}	59.87, 15.35, -33.41
CIE _{LCh}	60, 36.764, 294.671
Yxy	27.9770, 0.2569, 0.2356
Android (android.graphics.Color)	4287335115 (0xFF8B8ACB)
YUV	145.7090, 28.2445, -5.8838
Hunter-Lab	52.8933, 10.4104, -30.5346

Details

The YIQ color **145.7090, -20.2690, 20.4270** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **195.2910, 20.2690, -20.4270**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.1930, -18.7560, 20.5400**, and **94.6550, -20.1770, 18.7590** is the 20% darker color. If you saturate the color by 10%, you get **127.9890, -26.6890, 26.6470**, and if you desaturate by 10%, it is **163.4290, -13.8490, 14.2070**.

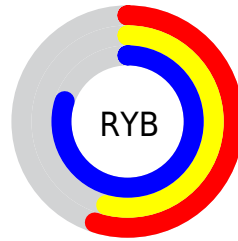
Distribution



Red (55%)

Green (54%)

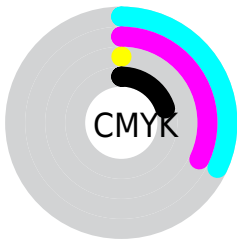
Blue (80%)



Red (55%)

Yellow (54%)

Blue (80%)

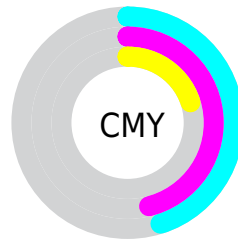


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (20%)



Cyan (45%)

Magenta (46%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.7090, -20.2690, 20.4270 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 145.7090, -20.2690, 20.4270 by changing the saturation by 10% instead.

■ 145.7090,
-20.2690, 20.4270

■ 145.7090,
-20.2690, 20.4270

■ 255.0000, -0.0000,
-0.0000

■ 119.7690,
-20.4980, 19.0700

■ 199.1930,
-18.7560, 20.5400

■ 94.6550, -20.1770,
18.7590

■ 224.0010, -9.7680,
11.8320

■ 70.3020, -20.6810,
16.8790

■ 249.6950, -0.4590,
2.8130

■ 46.7640, -22.1020,
15.0980

■ 22.7200, -27.9700,
11.3100

■ 5.7000, -16.0500,
15.5500

■ 4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 145.7090,
-20.2690, 20.4270

■ 145.7090,
-20.2690, 20.4270

■ 127.9890,
-26.6890, 26.6470

■ 163.4290,
-13.8490, 14.2070

■ 109.6820,
-32.8340, 33.3900

■ 181.7360, -7.7040,
7.4640

■ 91.9620, -39.2540,
39.6100

■ 199.4560, -1.2840,
1.2440

■ 74.2420, -45.6740,
45.8300

■ 217.1760, 5.1360,
-4.9760

■ 56.5220, -52.0940,
52.0500

■ 234.8960, 11.5560,
-11.1960

■ 38.2150, -58.2390,
58.7930

■ 249.0720, 16.6920,
-16.1720

■ 24.0390, -63.3750,
63.7690

Harmonies

Analogous

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



135.9920, -58.2750, 4.3570



145.7090, -20.2690, 20.4270



148.2310, 13.6120, 28.6520

Triad

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



145.7090, -20.2690, 20.4270



144.2170, 50.6170, 2.2730



125.3740, -57.8560, -30.7840

Complementary

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



145.7090, -20.2690, 20.4270



195.2910, 20.2690, -20.4270

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.



134.1430, -17.6010, -27.9450



145.7090, -20.2690, 20.4270



142.0160, 37.4610, -12.6110

Square

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



145.7090, -20.2690, 20.4270



145.6000, 51.5770, 17.9210



138.8880, 14.0340, -23.0700



113.8870, -98.8450, -31.3330

Rectangle

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



145.7090, -20.2690, 20.4270



148.0990, 31.5390, 28.6510



138.8880, 14.0340, -23.0700



128.9150, -43.3220, -29.8660

Sweetspot

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



145.7090, -20.2690, 20.4270



232.8500, -8.0250, 7.7750



183.5650, -38.7400, -13.7800



113.8240, -5.1360, 4.9760



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.



145.7090, -20.2690, 20.4270



169.6560, -29.9450, 30.5910



154.9780, -1.7930, 26.9990



93.1400, -3.2100, 3.1100



19.8210, -51.4980, 52.2620



4.6310, -11.6020, 12.0300

Inverse Universe

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



164.7310, 18.1960, 33.6840



197.8330, 27.3170, 50.1090



185.7230, 1.1970, -27.2110



96.1300, 2.7500, 5.2300



68.2160, 46.6130, 85.8850



15.6940, 10.4500, 19.8740

Previews

White Background



This preview shows how the YIQ color 145.7090, -20.2690, 20.4270 looks on a white background.

Color Contrast Check

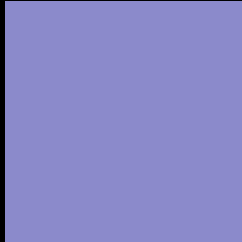
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7090, -20.2690, 20.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

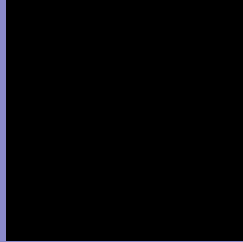
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.7090, -20.2690, 20.4270

Background



This preview shows how black text looks on a background with the YIQ color 145.7090, -20.2690, 20.4270.



This preview shows how white text looks on a background with the YIQ color 145.7090, -20.2690,

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

145.7090, -20.2690, 20.4270

Protanopia

143.9140, -31.2720, 16.0880

Deuteranopia

144.0450, -30.2630, 14.3210



Tritanopia

143.1710, -13.6630, -0.1830

Trichromacy



Original Color

145.7090, -20.2690, 20.4270

Protanomaly

144.7080, -27.6960, 17.3600

Deuteranomaly

144.3660, -26.7330, 16.4270

Tritanomaly

144.1310, -16.1860, 6.9980

Monochromacy



Original Color

145.7090, -20.2690, 20.4270

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7360, -7.7040, 7.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7090, -20.2690, 20.4270 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(139, 138, 203)` looks like.

```
.text, #text, p{  
    color:rgb(139, 138, 203)  
}
```

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(139, 138, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 138, 203) }
```

Border

The CSS property to change the border of an element to YIQ 145.7090, -20.2690, 20.4270 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(139, 138, 203) }
```


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

```
.border{ border-color:rgb(139, 138, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 138, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 138, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 138, 203);  
box-shadow:4px 4px 4px 4px rgb(139, 138,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7090, -20.2690, 20.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 138, 203) }
```

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

```
.background{ background-color: rgb(139,  
138, 203) }
```

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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