

Converting Colors

YIQ(113.1290, -21.8720,
10.9280)

Have a look what the booklet for
YIQ(113.1290, -21.8720, 10.9280)
contains.

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Color

**YIQ(113.1290, -21.8720,
10.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	63709C
RGB	99, 112, 156
RGB Percent	39%, 44%, 61%
CMY	0.6118, 0.5608, 0.3884
CMYK	0.37, 0.28, 0.00, 0.39
HSL	226°, 22%, 50%
HSV	226°, 37%, 61%
XYZ	16.9384, 16.6414, 33.7582
YIQ	113.1290, -21.8720, 10.9280

Conversions

Conversions Part 2

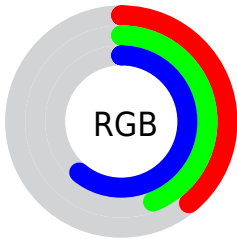
Format	Color
R _Y B	99, 110, 156
Decimal	6516892
CIE Lab	47.81, 6.35, -25.36
CIE LCh	48, 26.139, 284.062
Yxy	16.6414, 0.2515, 0.2471
Android (android.graphics.Color)	4284706972 (0xFF63709C)
YUV	113.1290, 21.1354, -12.3911
Hunter-Lab	40.7939, 2.7273, -20.5085

Details

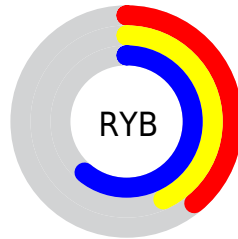
The YIQ color **113.1290, -21.8720, 10.9280** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.8710, 21.8720, -10.9280**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4710, -22.8350, 11.8610**, and **64.1890, -22.1010, 9.5710** is the 20% darker color. If you saturate the color by 10%, you get **101.3010, -28.1080, 13.8120**, and if you desaturate by 10%, it is **124.9570, -15.6360, 8.0440**.

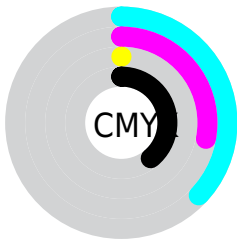
Distribution



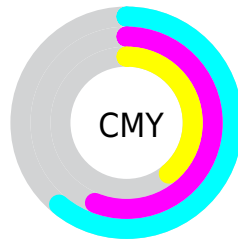
- Red (39%)
- Green (44%)
- Blue (61%)



- Red (39%)
- Yellow (43%)
- Blue (61%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (39%)



- Cyan (61%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.1290, -21.8720, 10.9280 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 113.1290, -21.8720, 10.9280 by changing the saturation by 10% instead.

■ 113.1290,
-21.8720, 10.9280

■ 113.1290,
-21.8720, 10.9280

■ 255.0000, -0.0000,
-0.0000

■ 88.6020, -21.8260,
10.0940

■ 165.4710,
-22.8350, 11.8610

■ 64.1890, -22.1010,
9.5710

■ 192.8840,
-22.5600, 12.3840

■ 41.5370, -23.2010,
7.4790

■ 218.9290,
-18.4330, 9.1750

■ 19.9990, -24.6220,
5.6980

■ 244.3240, -9.7200,
-0.0560

■ 5.1640, -11.7850,
9.8390

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,

0.0000

■ 113.1290,
-21.8720, 10.9280

■ 113.1290,
-21.8720, 10.9280

■ 101.3010,
-28.1080, 13.8120

■ 124.9570,
-15.6360, 8.0440

■ 89.7720, -33.7480,
16.9080

■ 136.4860, -9.9960,
4.9480

■ 77.9440, -39.9840,
19.7920

■ 148.3140, -3.7600,
2.0640

■ 66.4150, -45.6240,
22.8880

■ 159.8430, 1.8800,
-1.0320

■ 54.5870, -51.8600,
25.7720

■ 171.6710, 8.1160,
-3.9160

■ 42.7590, -58.0960,
28.6560

■ 183.4990, 14.3520,
-6.8000

■ 38.9160, -59.9760,
29.6880

■ 195.0280, 19.9920,
-9.8960

■ 206.8560, 26.2280,
-12.7800

■ 218.3850, 31.8680,
-15.8760

Harmonies

Analogous

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



106.3600, -44.9320, -0.6760



113.1290, -21.8720, 10.9280



116.1490, 1.7390, 18.0510

Triad

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



113.1290, -21.8720, 10.9280



114.6100, 36.4490, 5.7370



104.6230, -27.4600, -19.9720

Complementary

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



113.1290, -21.8720, 10.9280



141.8710, 21.8720, -10.9280

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.



108.0680, -3.8480, -18.3760



113.1290, -21.8720, 10.9280



113.0510, 30.3530, -4.9350

Square

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



113.1290, -21.8720, 10.9280



115.7380, 33.5130, 14.8970



110.7670, 16.2330, -13.3590



99.0580, -50.6140, -18.8540

Rectangle

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



113.1290, -21.8720, 10.9280



116.9180, 15.6310, 19.5910



110.7670, 16.2330, -13.3590



105.8150, -19.2530, -20.0290

Sweetspot

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



113.1290, -21.8720, 10.9280



187.4430, -8.4370, 4.2270



137.4750, -29.7990, -16.1270



92.2430, -4.9980, 2.4740



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113.1290, -21.8720, 10.9280



136.5870, -34.6650, 17.0070



109.9830, -9.3570, 20.9070



73.0860, -3.1180, 1.4420



35.6730, -54.9780, 27.2140



3.4710, -5.6400, 3.0960

Inverse Universe

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



117.5250, 29.7990, 16.1270



143.3040, 46.8990, 25.6110



145.0170, 9.3570, -20.9070



73.6200, 4.1260, 2.3180



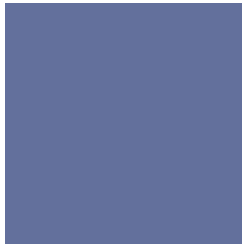
46.5190, 74.6350, 40.5790



4.8270, 7.9770, 4.1130

Previews

White Background



This preview shows how the YIQ color 113.1290, -21.8720, 10.9280 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 113.1290, -21.8720, 10.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

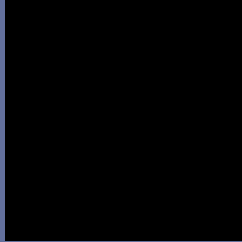
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

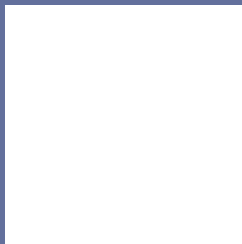
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.1290, -21.8720, 10.9280

Background



This preview shows how black text looks on a background with the YIQ color 113.1290, -21.8720, 10.9280.



This preview shows how white text looks on a background with the YIQ color 113.1290, -21.8720,

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

113.1290, -21.8720, 10.9280

Protanopia

113.4280, -21.2760, 11.1400

Deuteranopia

113.4280, -21.2760, 11.1400



Tritanopia

111.2520, -18.3850, -2.7130

Trichromacy



Original Color

113.1290, -21.8720, 10.9280

Protanomaly

113.4280, -21.2760, 11.1400

Deuteranomaly

113.4280, -21.2760, 11.1400

Tritanomaly

112.2290, -19.5780, 2.3900

Monochromacy



Original Color

113.1290, -21.8720, 10.9280

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.3290, -8.1160, 3.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.1290, -21.8720, 10.9280 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(99, 112, 156)` looks like.

```
.text, #text, p{  
    color:rgb(99, 112, 156)  
}
```

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(99, 112, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 112, 156) }
```

Border

The CSS property to change the border of an element to YIQ 113.1290, -21.8720, 10.9280 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(99, 112, 156) }
```


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

```
.border{ border-color:rgb(99, 112, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 112, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 112, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 112, 156);  
box-shadow:4px 4px 4px 4px rgb(99, 112,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 113.1290, -21.8720, 10.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 112, 156) }
```

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

```
.background{ background-color: rgb(99, 112,  
156) }
```

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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