

Converting Colors

YIQ(75.1220, -72.7200, 18.3520)

Have a look what the booklet for
YIQ(75.1220, -72.7200, 18.3520)
contains.

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Color

**YIQ(75.1220, -72.7200,
18.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	1153BB
RGB	17, 83, 187
RGB Percent	7%, 33%, 73%
CMY	0.9333, 0.6744, 0.2670
CMYK	0.91, 0.56, 0.00, 0.27
HSL	217°, 83%, 40%
HSV	217°, 91%, 73%
XYZ	12.2857, 9.8936, 48.2230
YIQ	75.1220, -72.7200, 18.3520

Conversions

Conversions Part 2

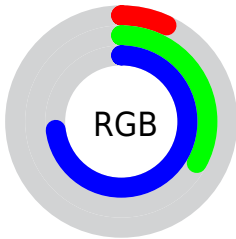
Format	Color
R_{YB}	17, 65, 187
Decimal	1135547
CIE _{Lab}	37.65, 21.55, -59.95
CIE _{LCh}	38, 63.706, 289.776
Yxy	9.8936, 0.1745, 0.1405
Android (android.graphics.Color)	4279325627 (0xFF1153BB)
YUV	75.1220, 55.1559, -50.9730
Hunter-Lab	31.4541, 14.6761, -68.8811

Details

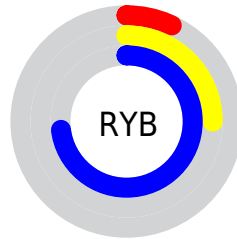
The YIQ color $75.1220, -72.7200, 18.3520$ is a dark color, and the websafe version is hex $3366CC$. A complement of this color would be $128.8780, 72.7200, -18.3520$, and the grayscale version is $75.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $134.6020, -56.2160, 27.6240$, and $38.6420, -53.6930, 20.4430$ is the 20% darker color. If you saturate the color by 10%, you get $64.1690, -80.1020, 19.9780$, and if you desaturate by 10%, it is $87.2600, -64.4210, 16.6270$.

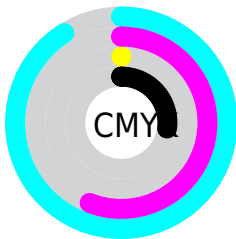
Distribution



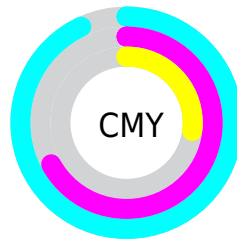
- Red (7%)
- Green (33%)
- Blue (73%)



- Red (7%)
- Yellow (25%)
- Blue (73%)



- Cyan (91%)
- Magenta (56%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.1220, -72.7200, 18.3520 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 75.1220, -72.7200, 18.3520 by changing the saturation by 10% instead.

■ 75.1220, -72.7200,
18.3520

■ 75.1220, -72.7200,
18.3520

■ 255.0000, -0.0000,
-0.0000

■ 53.9330, -67.8140,
17.5460

■ 134.6020,
-56.2160, 27.6240

■ 38.6420, -53.6930,
20.4430

■ 160.3870,
-48.4210, 24.0190

■ 25.1120, -40.3970,
21.7710

■ 184.6190,
-37.6910, 16.7810

■ 10.5220, -26.8720,
24.4560

■ 210.3240,
-26.9150, 8.7090

■ 9.5470, -19.9930,
15.4230

■ 235.7300,
-16.7350, 0.4250

■ 5.1640, -11.7850,
9.8390

■ 253.5050, -2.9800,

■ 1.1400, -3.2100,

-1.0600

3.1100

■ 0.0000, 0.0000,
0.0000

■ 75.1220, -72.7200,
18.3520

■ 75.1220, -72.7200,
18.3520

■ 64.1690, -80.1020,
19.9780

■ 87.2600, -64.4210,
16.6270

■ 99.6860, -56.9930,
14.1670

■ 111.8240,
-48.6940, 12.4420

■ 124.5490,
-40.6700, 10.1940

■ 136.3880,
-32.9670, 8.2570

■ 149.1130,
-24.9430, 6.0090

■ 161.2510,
-16.6440, 4.2840

■ 173.3890, -8.3450,
2.5590

■ 185.8150, -0.9170,
0.0990

Harmonies

Analogous

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



80.4740, -88.8110, 7.1010



75.1220, -72.7200, 18.3520



88.6510, 13.1500, 48.0460

Triad

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



75.1220, -72.7200, 18.3520



79.1680, 78.6760, 5.8760



71.8490, -52.1240, -35.5480

Complementary

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



75.1220, -72.7200, 18.3520



128.8780, 72.7200, -18.3520

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.



62.3190, -30.8010, -53.0490



75.1220, -72.7200, 18.3520



83.7370, 51.3080, -15.7640

Square

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



75.1220, -72.7200, 18.3520



69.2150, 81.6030, 46.4590



79.3750, 19.4920, -33.8840



78.4780, -69.4120, -19.5880

Rectangle

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



75.1220, -72.7200, 18.3520



79.1130, 47.2600, 57.6280



79.3750, 19.4920, -33.8840



69.0960, -45.7500, -40.9340

Sweetspot

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



75.1220, -72.7200, 18.3520



199.0850, -27.7400, 7.1400



128.4180, -79.4920, -57.1880



96.2510, -16.6440, 4.2840



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



75.1220, -72.7200, 18.3520



82.7660, -103.5320, 26.1000



41.4630, -44.4380, 56.4740



88.3740, -3.9890, 0.7070



53.8190, -67.4930, 17.2350



10.5780, -13.2510, 3.3650

Inverse Universe

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



75.3540, 80.1340, 56.5660



83.0740, 114.0580, 80.5380



162.5370, 44.4380, -56.4740



88.1470, 4.0800, 3.1520



54.1960, 74.5870, 52.4670



10.6370, 14.6240, 10.3040

Previews

White Background



This preview shows how the YIQ color 75.1220, -72.7200, 18.3520 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 ✓ Pass

Black Background



This preview shows how the YIQ color 75.1220, -72.7200, 18.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

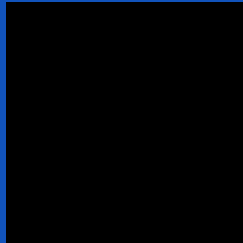
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.1220, -72.7200, 18.3520

Background



This preview shows how black text looks on a background with the YIQ color 75.1220, -72.7200, 18.3520.



This preview shows how white text looks on a background with the YIQ color 75.1220, -72.7200,

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

75.1220, -72.7200, 18.3520

Protanopia

70.5290, -81.4760, 11.8360

Deuteranopia

71.2010, -75.1010, 0.9230



Tritanopia

69.3820, -60.3340, -18.9100

Trichromacy



Original Color

75.1220, -72.7200, 18.3520

Protanomaly

71.9640, -78.2670, 14.2530

Deuteranomaly

72.4880, -74.2310, 7.1850

Tritanomaly

71.6610, -65.0130, -5.6930

Monochromacy



Original Color

75.1220, -72.7200, 18.3520

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.1560, -26.5020, 6.7300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.1220, -72.7200, 18.3520 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(17, 83, 187)` looks like.

```
.text, #text, p{  
    color:rgb(17, 83, 187)  
}
```

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(17, 83, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 83, 187) }
```

Border

The CSS property to change the border of an element to YIQ 75.1220, -72.7200, 18.3520 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(17, 83, 187) }
```


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

```
.border{ border-color:rgb(17, 83, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 83, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 83, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 83, 187);  
box-shadow:4px 4px 4px 4px rgb(17, 83,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 75.1220, -72.7200, 18.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 83, 187) }
```

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

```
.background{ background-color: rgb(17, 83,  
187) }
```

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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