

Converting Colors

YIQ(32.5990, -25.7710, 21.0210)

Have a look what the booklet for
YIQ(32.5990, -25.7710, 21.0210)
contains.

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Color

**YIQ(32.5990, -25.7710,
21.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	151A61
RGB	21, 26, 97
RGB Percent	8%, 10%, 38%
CMY	0.9176, 0.8980, 0.6198
CMYK	0.78, 0.73, 0.00, 0.62
HSL	236°, 64%, 23%
HSV	236°, 78%, 38%
XYZ	2.8347, 1.7607, 11.4899
YIQ	32.5990, -25.7710, 21.0210

Conversions

Conversions Part 2

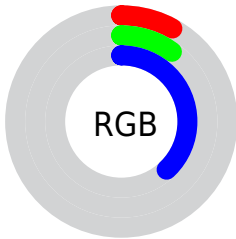
Format	Color
R_{YB}	21, 26, 97
Decimal	1383009
CIE Lab	14.18, 24.98, -42.48
CIE LCh	14, 49.280, 300.457
Yxy	1.7607, 0.1762, 0.1095
Android (android.graphics.Color)	4279573089 (0xFF151A61)
YUV	32.5990, 31.7497, -10.1723
Hunter-Lab	13.2692, 14.9114, -42.0510

Details

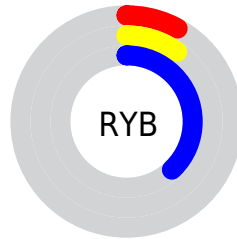
The YIQ color **32.5990, -25.7710, 21.0210** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **85.4010, 25.7710, -21.0210**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **81.3980, -20.5910, 26.2650**, and **7.9340, -16.8290, 13.1470** is the 20% darker color. If you saturate the color by 10%, you get **24.3260, -29.2560, 23.6080**, and if you desaturate by 10%, it is **40.8720, -22.2860, 18.4340**.

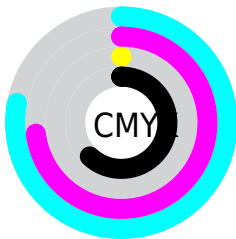
Distribution



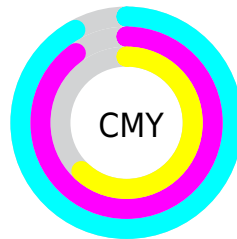
- Red (8%)
- Green (10%)
- Blue (38%)



- Red (8%)
- Yellow (10%)
- Blue (38%)



- Cyan (78%)
- Magenta (73%)
- Yellow (0%)
- Black (62%)



- Cyan (92%)
- Magenta (90%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.5990, -25.7710, 21.0210 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 32.5990, -25.7710, 21.0210 by changing the saturation by 10% instead.

■ 32.5990, -25.7710,
21.0210

■ 32.5990, -25.7710,
21.0210

■ 254.4130, 0.2750,
0.5230

■ 10.0830, -24.2580,
21.1340

■ 81.2840, -20.2700,
25.9540

■ 7.9340, -16.8290,
13.1470

■ 105.6370,
-19.7660, 27.8340

■ 3.6650, -8.9420,
7.8740

■ 131.5770,
-19.5370, 29.1910

■ 0.0000, 0.0000,
0.0000

■ 158.5170,
-19.3080, 30.5480

■ 184.7730,
-17.1530, 30.0390

■ 209.5810, -8.1650,

21.3310

■ 234.6880, 1.4190,
12.8350

■ 32.5990, -25.7710,
21.0210

■ 32.5990, -25.7710,
21.0210

■ 24.3260, -29.2560,
23.6080

■ 40.8720, -22.2860,
18.4340

■ 16.3520, -32.1450,
26.4070

■ 48.8460, -19.3970,
15.6350

■ 14.5800, -32.7870,
27.0290

■ 57.1190, -15.9120,
13.0480

■ 65.3920, -12.4270,
10.4610

■ 73.3660, -9.5380,
7.6620

■ 81.6390, -6.0530,
5.0750

■ 89.9120, -2.5680,
2.4880

■ 98.1850, 0.9170,
-0.0990

■ 106.7460, 3.5310,
-3.4210

Harmonies

Analogous

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



36.2650, -45.6220, 11.8340



32.5990, -25.7710, 21.0210



30.5190, 21.9090, 37.9810

Triad

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



32.5990, -25.7710, 21.0210



31.7950, 37.3660, 5.6380



32.8670, -25.0310, -14.4310

Complementary

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



32.5990, -25.7710, 21.0210



85.4010, 25.7710, -21.0210

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.



27.5890, -12.9250, -24.5810



32.5990, -25.7710, 21.0210



34.0000, 17.1950, -8.7650

Square

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



32.5990, -25.7710, 21.0210



26.6110, 53.0440, 18.8680



26.7360, -8.8450, -21.4290



36.8570, -36.2660, -3.5460

Rectangle

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



32.5990, -25.7710, 21.0210



31.8980, 36.7190, 33.8950



26.7360, -8.8450, -21.4290



31.3850, -20.8580, -18.4740

Sweetspot

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



32.5990, -25.7710, 21.0210



100.4800, -9.8590, 7.9730



73.7060, -43.6910, -17.6670



48.6390, -6.0530, 5.0750



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



32.5990, -25.7710, 21.0210



25.1480, -40.0780, 32.5140



39.5310, -4.7280, 30.6320



44.4560, -1.2840, 1.2440



16.8770, -37.8770, 31.1710



36.7520, -81.4400, 66.2720

Inverse Universe

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



44.2940, 43.6910, 17.6670



43.1940, 67.7600, 27.5040



78.4690, 4.7280, -30.6320



45.1960, 2.3840, 0.8480



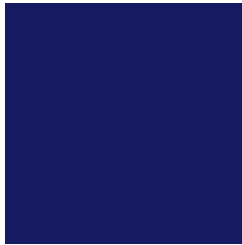
34.2860, 64.5050, 25.9210



73.5840, 137.9040, 55.8560

Previews

White Background



This preview shows how the YIQ color 32.5990, -25.7710, 21.0210 looks on a white background.

Color Contrast Check

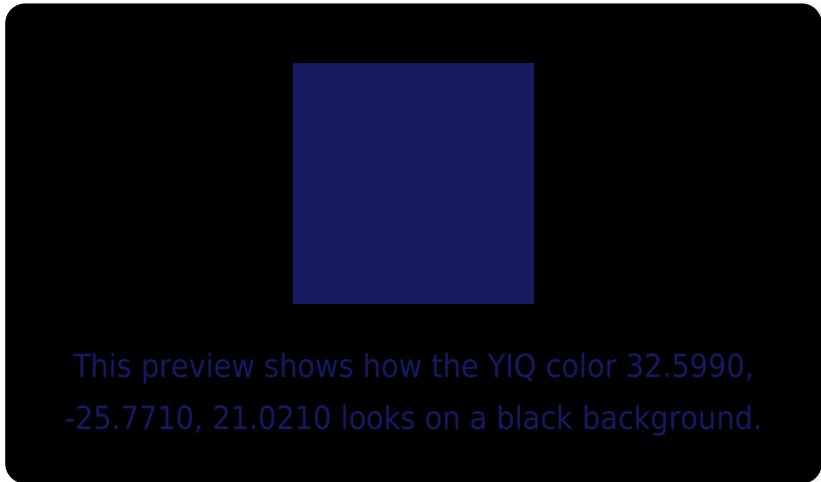
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

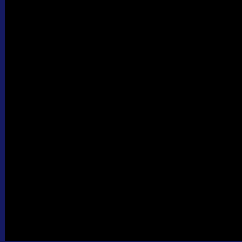
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.5990, -25.7710, 21.0210

Background



This preview shows how black text looks on a background with the YIQ color 32.5990, -25.7710, 21.0210.



This preview shows how white text looks on a background with the YIQ color 32.5990, -25.7710,

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

32.5990, -25.7710, 21.0210

Protanopia

29.6820, -33.9750, 4.4970

Deuteranopia

29.6020, -30.9940, 0.0300



Tritanopia

28.9690, -25.0780, -8.0700

Trichromacy



Original Color

32.5990, -25.7710, 21.0210

Protanomaly

30.6380, -30.6750, 10.7730

Deuteranomaly

31.0140, -28.9780, 7.5500

Tritanomaly

30.7060, -25.3550, 2.4610

Monochromacy



Original Color

32.5990, -25.7710, 21.0210

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

32.6650, -8.9420, 7.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.5990, -25.7710, 21.0210 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(21, 26, 97)` looks like.

```
.text, #text, p{  
    color:rgb(21, 26, 97)  
}
```

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(21, 26, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 26, 97) }
```

Border

The CSS property to change the border of an element to YIQ 32.5990, -25.7710, 21.0210 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(21, 26, 97) }
```


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

```
.border{ border-color:rgb(21, 26, 97) }
```

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

Here you see how a box with a 4 pixel rgb(21, 26, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 26, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 26, 97);  
box-shadow:4px 4px 4px 4px rgb(21, 26, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 32.5990, -25.7710, 21.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 26, 97) }
```

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

```
.background{ background-color: rgb(21, 26,  
97) }
```

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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