

Converting Colors

YIQ(53.3320, -20.2250, 30.6470)

Have a look what the booklet for
YIQ(53.3320, -20.2250, 30.6470)
contains.

YIQ(53.3320, -20.2250, 30.6470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(53.3320, -20.2250,
30.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	352780
RGB	53, 39, 128
RGB Percent	21%, 15%, 50%
CMY	0.7921, 0.8471, 0.4982
CMYK	0.59, 0.70, 0.00, 0.50
HSL	249°, 53%, 33%
HSV	249°, 70%, 50%
XYZ	6.0885, 3.7657, 20.8149
YIQ	53.3320, -20.2250, 30.6470

Conversions

Conversions Part 2

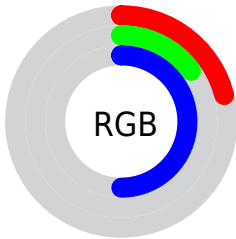
Format	Color
R_{YB}	53, 39, 128
Decimal	3483520
CIE _{Lab}	22.88, 32.47, -48.18
CIE _{LCh}	23, 58.097, 303.978
Yxy	3.7657, 0.1985, 0.1228
Android (android.graphics.Color)	4281673600 (0xFF352780)
YUV	53.3320, 36.8113, -0.2912
Hunter-Lab	19.4053, 22.0457, -50.0129

Details

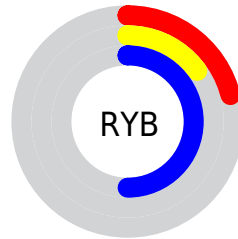
The YIQ color **53.3320, -20.2250, 30.6470** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **113.6680, 20.2250, -30.6470**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **102.9350, -17.4290, 35.0430**, and **8.8920, -25.0380, 24.2580** is the 20% darker color. If you saturate the color by 10%, you get **42.4120, -23.2060, 35.1140**, and if you desaturate by 10%, it is **64.2520, -17.2440, 26.1800**.

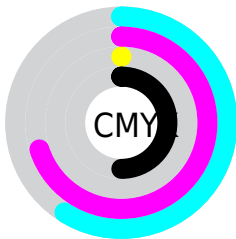
Distribution



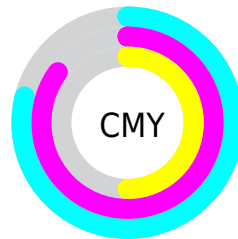
- Red (21%)
- Green (15%)
- Blue (50%)



- Red (21%)
- Yellow (15%)
- Blue (50%)



- Cyan (59%)
- Magenta (70%)
- Yellow (0%)
- Black (50%)



- Cyan (79%)
- Magenta (85%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.3320, -20.2250, 30.6470 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 53.3320, -20.2250, 30.6470 by changing the saturation by 10% instead.

■ 53.3320, -20.2250,
30.6470

■ 53.3320, -20.2250,
30.6470

■ 255.0000, -0.0000,
-0.0000

■ 27.8860, -24.9010,
27.2830

■ 102.9350,
-17.4290, 35.0430

■ 8.8920, -25.0380,
24.2580

■ 128.8750,
-17.2000, 36.4000

■ 7.9170, -18.1590,
15.2250

■ 155.7010,
-16.6500, 37.4460

■ 4.8220, -10.8220,
8.9060

■ 181.2730,
-12.5690, 35.0710

■ 0.3420, -0.9630,
0.9330

■ 205.7930, -2.7100,
27.0980

■ 0.0000, 0.0000,
0.0000

■ 230.9000, 6.8740,

18.6020

249.7170, 2.4750,
4.7070

53.3320, -20.2250,
30.6470

53.3320, -20.2250,
30.6470

42.4120, -23.2060,
35.1140

64.2520, -17.2440,
26.1800

31.4920, -26.1870,
39.5810

75.1720, -14.2630,
21.7130

21.4580, -28.8470,
43.7370

85.2060, -11.6030,
17.5570

20.5720, -29.1680,
44.0480

96.1260, -8.6220,
13.0900

107.0460, -5.6410,
8.6230

■ 117.9660, -2.6600,
4.1560

■ 128.5870, -0.2750,
-0.5230

■ 138.9200, 2.9810,
-4.4670

■ 149.8400, 5.9620,
-8.9340

Harmonies

Analogous

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



50.9350, -62.1280, 13.6160



53.3320, -20.2250, 30.6470



43.0080, 34.1940, 52.1300

Triad

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



53.3320, -20.2250, 30.6470



50.1350, 47.9120, 1.7360



48.5170, -38.7850, -18.4730

Complementary

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



53.3320, -20.2250, 30.6470



113.6680, 20.2250, -30.6470

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.



41.7570, -22.5060, -32.6660



53.3320, -20.2250, 30.6470



51.1220, 22.4230, -15.4090

Square

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



53.3320, -20.2250, 30.6470



36.5640, 69.5940, 27.3060



41.1450, -11.9150, -31.8750



53.4190, -52.5880, -5.1000

Rectangle

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



53.3320, -20.2250, 30.6470



44.1870, 52.4430, 46.2910



41.1450, -11.9150, -31.8750



46.6930, -33.6490, -23.4490

Sweetspot

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



53.3320, -20.2250, 30.6470



136.4850, -8.2550, 11.9450



93.7580, -49.4690, -12.0690



66.2910, -4.9530, 7.1670



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



53.3320, -20.2250, 30.6470



50.3100, -31.1860, 47.5820



66.4880, 5.9990, 39.9750



58.0970, -1.6510, 2.3890



20.5720, -29.1680, 44.0480



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.1610, 28.9690, 42.1930



82.4860, 45.0120, 65.3320



100.5120, -5.9990, -39.9750



59.7770, 2.2460, 3.3500



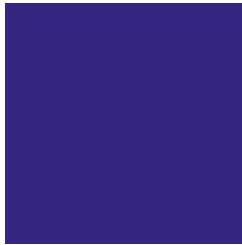
50.4700, 41.9410, 60.4130



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 53.3320, -20.2250, 30.6470 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 53.3320, -20.2250, 30.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

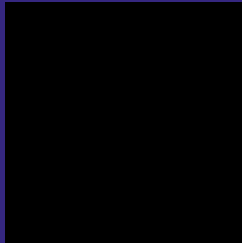
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.3320, -20.2250, 30.6470

Background



This preview shows how black text looks on a background with the YIQ color 53.3320, -20.2250, 30.6470.



This preview shows how white text looks on a background with the YIQ color 53.3320, -20.2250,

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

53.3320, -20.2250, 30.6470

Protanopia

43.8790, -50.5270, 7.1130

Deuteranopia

44.4030, -46.4910, 0.0450



Tritanopia

50.4040, -21.8690, -5.6530

Trichromacy



Original Color

53.3320, -20.2250, 30.6470

Protanomaly

47.3090, -39.7540, 15.6220

Deuteranomaly

47.3430, -37.0940, 11.4660

Tritanomaly

51.3200, -21.0920, 7.8040

Monochromacy



Original Color

53.3320, -20.2250, 30.6470

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.1430, -7.2920, 11.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.3320, -20.2250, 30.6470 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(53, 39, 128)` looks like.

```
.text, #text, p{  
    color:rgb(53, 39, 128)  
}
```

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(53, 39, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 39, 128) }
```

Border

The CSS property to change the border of an element to YIQ 53.3320, -20.2250, 30.6470 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(53, 39, 128) }
```


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

```
.border{ border-color:rgb(53, 39, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 39, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 39, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 39, 128);  
box-shadow:4px 4px 4px 4px rgb(53, 39,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 53.3320, -20.2250, 30.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 39, 128) }
```

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

```
.background{ background-color: rgb(53, 39,  
128) }
```

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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