

Converting Colors

YIQ(112.7720, -53.2250,
-32.1130)

Have a look what the booklet for
YIQ(112.7720, -53.2250, -32.1130)
contains.

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Color

**YIQ(112.7720, -53.2250,
-32.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	2A9475
RGB	42, 148, 117
RGB Percent	16%, 58%, 46%
CMY	0.8356, 0.4194, 0.5414
CMYK	0.72, 0.00, 0.21, 0.42
HSL	162°, 56%, 37%
HSV	162°, 72%, 58%
XYZ	14.7570, 22.9678, 20.4704
YIQ	112.7720, -53.2250, -32.1130

Conversions

Conversions Part 2

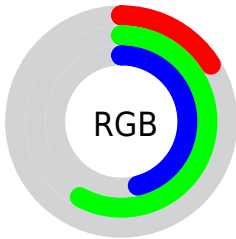
Format	Color
R_{YB}	42, 104, 148
Decimal	2790517
CIE _{Lab}	55.04, -37.47, 7.91
CIE _{LCh}	55, 38.294, 168.083
Yxy	22.9678, 0.2536, 0.3947
Android (android.graphics.Color)	4280980597 (0xFF2A9475)
YUV	112.7720, 2.0844, -62.0670
Hunter-Lab	47.9247, -28.9045, 8.2224

Details

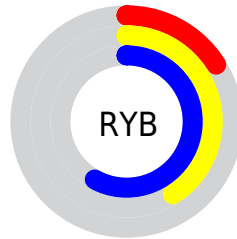
The YIQ color **112.7720, -53.2250, -32.1130** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **77.2280, 53.2250, 32.1130**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9250, -49.2820, -31.9860**, and **64.2180, -48.5490, -28.7490** is the 20% darker color. If you saturate the color by 10%, you get **107.8310, -60.8810, -36.5370**, and if you desaturate by 10%, it is **117.7130, -45.5690, -27.6890**.

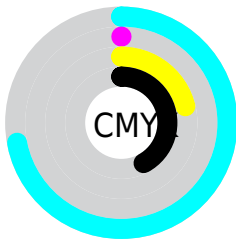
Distribution



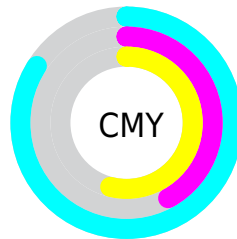
- Red (16%)
- Green (58%)
- Blue (46%)



- Red (16%)
- Yellow (41%)
- Blue (58%)



- Cyan (72%)
- Magenta (0%)
- Yellow (21%)
- Black (42%)



- Cyan (84%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.7720, -53.2250, -32.1130 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 112.7720, -53.2250, -32.1130 by changing the saturation by 10% instead.

■ 112.7720,
-53.2250, -32.1130

■ 112.7720,
-53.2250, -32.1130

■ 255.0000, -0.0000,
-0.0000

■ 82.1020, -63.0820,
-35.1940

■ 168.9250,
-49.2820, -31.9860

■ 64.2180, -48.5490,
-28.7490

■ 197.1100,
-48.3650, -32.0850

■ 47.5080, -34.5660,
-23.3500

■ 222.7620,
-47.2650, -29.9930

■ 31.1400, -21.5460,
-17.0180

■ 234.7390,
-39.2900, -14.8260

■ 15.2620, -7.1500,
-13.5980

■ 243.6380,
-22.6480, -8.0560

■ 0.0000, 0.0000,
0.0000

■ 252.6080, -4.7680,

-1.6960

■ 112.7720,
-53.2250, -32.1130

■ 112.7720,
-53.2250, -32.1130

■ 107.8310,
-60.8810, -36.5370

■ 117.7130,
-45.5690, -27.6890

■ 102.7760,
-68.2160, -41.2720

■ 122.7680,
-38.2340, -22.9540

■ 98.8460, -74.4050,
-44.7490

■ 127.4100,
-31.1740, -18.7420

■ 132.3510,
-23.5180, -14.3180

■ 137.4060,
-16.1830, -9.5830

■ 142.3470, -8.5270,
-5.1590

■ 147.2880, -0.8710,
-0.7350

■ 152.0440, 5.8680,
3.7880

■ 156.9850, 13.5240,
8.2120

Harmonies

Analogous

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



122.4380, -11.1820, -28.6380



112.7720, -53.2250, -32.1130



104.6770, -89.4460, -30.9660

Triad

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



112.7720, -53.2250, -32.1130



131.4520, -29.8510, 17.8690



131.5210, 52.8170, 6.4570

Complementary

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



112.7720, -53.2250, -32.1130



77.2280, 53.2250, 32.1130

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.



132.8220, 51.0720, 21.5680



112.7720, -53.2250, -32.1130



135.4090, 7.2390, 28.5110

Square

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



112.7720, -53.2250, -32.1130



116.4950, -76.1090, -2.8370



134.7790, 35.4360, 29.6120



129.9350, 42.1830, -10.0810

Rectangle

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



112.7720, -53.2250, -32.1130



105.8970, -95.6370, -23.3890



134.7790, 35.4360, 29.6120



132.2810, 53.7330, 11.8850

Sweetspot

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



112.7720, -53.2250, -32.1130



177.0740, -21.1800, -12.6360



113.7900, -10.0780, -48.6540



88.7270, -12.6530, -7.4770



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



112.7720, -53.2250, -32.1130



136.4920, -82.3360, -49.6960



103.9790, -57.4010, -11.4890



71.6790, -3.5300, -2.1060



92.0640, -69.0870, -42.0070



6.6680, -4.9970, -3.0530

Inverse Universe

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



77.2280, 53.2250, 32.1130



81.5080, 82.3360, 49.6960



86.0210, 57.4010, 11.4890



69.3210, 3.5300, 2.1060



45.8220, 69.4080, 41.6960



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 112.7720, -53.2250, -32.1130 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 112.7720, -53.2250, -32.1130 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 112.7720, -53.2250, -32.1130 Background



This preview shows how black text looks on a background with the YIQ color 112.7720, -53.2250, -32.1130.



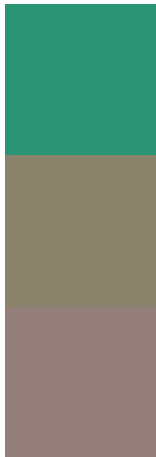
This preview shows how white text looks on a background with the YIQ color 112.7720, -53.2250, -32.1130.

-32.1130.

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

112.7720, -53.2250, -32.1130

Protanopia

130.4710, 11.5550, -5.6690

Deuteranopia

131.8230, 13.8000, 3.2080



Tritanopia

119.5510, -53.3200, -13.8640

Trichromacy



Original Color

112.7720, -53.2250, -32.1130

Protanomaly

123.8700, -11.9180, -15.2940

Deuteranomaly

124.9290, -10.4060, -9.6540

Tritanomaly

117.0360, -53.5480, -20.7480

Monochromacy



Original Color

112.7720, -53.2250, -32.1130

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9710, -19.3920, -12.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.7720, -53.2250, -32.1130 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(42, 148, 117)` looks like.

```
.text, #text, p{  
    color:rgb(42, 148, 117)  
}
```

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(42, 148, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 148, 117) }
```

Border

The CSS property to change the border of an element to YIQ 112.7720, -53.2250, -32.1130 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(42, 148, 117) }
```


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

```
.border{ border-color:rgb(42, 148, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 148, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 148, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 148, 117);  
box-shadow:4px 4px 4px 4px rgb(42, 148,  
117) }
```