

Converting Colors

YIQ(106.3490, 103.7520,
25.0000)

Have a look what the booklet for
YIQ(106.3490, 103.7520, 25.0000)
contains.

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Color

**YIQ(106.3490, 103.7520,
25.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3E22
RGB	221, 62, 34
RGB Percent	87%, 24%, 13%
CMY	0.1330, 0.7571, 0.8662
CMYK	0.00, 0.72, 0.85, 0.13
HSL	9°, 73%, 50%
HSV	9°, 85%, 87%
XYZ	31.8561, 18.9407, 3.4987
YIQ	106.3490, 103.7520, 25.0000

Conversions

Conversions Part 2

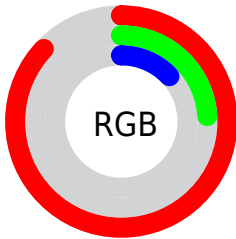
Format	Color
RYB	221, 67, 34
Decimal	14499362
CIELab	50.62, 60.17, 51.27
CIELCh	51, 79.052, 40.437
Yxy	18.9407, 0.5867, 0.3488
Android (android.graphics.Color)	4292689442 (0xFFDD3E22)
YUV	106.3490, -35.6681, 100.5489
Hunter-Lab	43.5209, 54.4956, 25.6983

Details

The YIQ color **106.3490, 103.7520, 25.0000** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **148.6510, -103.7520, -25.0000**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0330, 92.6580, 16.8020**, and **46.9430, 93.5720, 33.2840** is the 20% darker color. If you saturate the color by 10%, you get **92.6880, 116.0390, 28.0950**, and if you desaturate by 10%, it is **120.0100, 91.4650, 21.9050**.

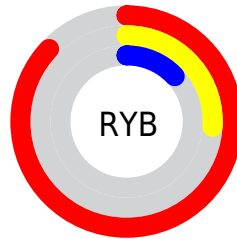
Distribution



Red (87%)

Green (24%)

Blue (13%)



Red (87%)

Yellow (26%)

Blue (13%)

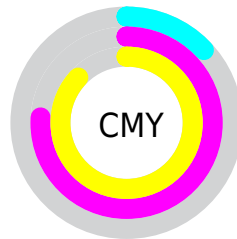


Cyan (0%)

Magenta (72%)

Yellow (85%)

Black (13%)



Cyan (13%)

Magenta (76%)

Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.3490, 103.7520, 25.0000 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 106.3490, 103.7520, 25.0000 by changing the saturation by 10% instead.


 106.3490,
103.7520, 25.0000


 106.3490,
103.7520, 25.0000


255.0000, -0.0000,
-0.0000


 73.2720, 102.6510,
28.4350


 155.4460, 92.9330,
17.3250


 46.9430, 93.5720,
33.2840


 175.4330, 76.6120,
10.2440


 37.6740, 75.0960,
26.7120


 194.7190, 60.8870,
3.3750

 28.4050, 56.6200,
20.1400

 214.8200, 44.2450,
-3.3950

 20.3750, 38.9690,
15.1370

 235.5080, 27.3280,
-10.6880

 10.2800, 19.9430,
7.5190

 250.4400, 12.8400,

 0.0000, 0.0000,

-12.4400

0.0000

253.7460, 3.5310,
-3.4210

106.3490,
103.7520, 25.0000

106.3490,
103.7520, 25.0000

92.6880, 116.0390,
28.0950

120.0100, 91.4650,
21.9050

85.4500, 122.6410,
29.5930

133.6710, 79.1780,
18.8100

146.7450, 67.1660,
16.2380

160.5200, 54.5580,
13.4540

174.1810, 42.2710,
10.3590

■ 187.8420, 29.9840,
7.2640

■ 201.5030, 17.6970,
4.1690

■ 214.5770, 5.6850,
1.5970

■ 228.2380, -6.6020,
-1.4980

Harmonies

Analogous

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



87.8340, 105.8060, 75.9020



106.3490, 103.7520, 25.0000



112.8190, 80.3760, -13.9280

Triad

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



106.3490, 103.7520, 25.0000



93.9100, -63.2620, -53.9660



100.6840, -115.4050, 15.4990

Complementary

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



106.3490, 103.7520, 25.0000



148.6510, -103.7520, -25.0000

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.



110.5660, -118.4290, 4.2190



106.3490, 103.7520, 25.0000



103.7650, -86.8780, -33.4540

Square

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



106.3490, 103.7520, 25.0000



93.5530, -14.3850, -64.2170



110.4740, -107.1470, -13.0270



122.3300, -7.5750, 54.7050

Rectangle

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



106.3490, 103.7520, 25.0000



112.9200, 54.5660, -30.7620



110.4740, -107.1470, -13.0270



104.7930, -117.3300, 11.8380

Sweetspot

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



106.3490, 103.7520, 25.0000



216.0060, 35.3940, 8.3380



108.3810, 59.4500, 90.0260



104.1830, 21.5940, 5.1300



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



106.3490, 103.7520, 25.0000



98.5510, 141.5300, 34.1860



159.7660, 78.7270, -22.5930



102.8760, 6.2810, 1.8090



66.9890, 95.9580, 23.0780



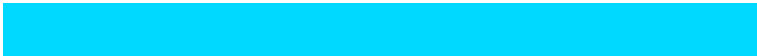
17.8630, 25.4910, 6.0910

Inverse Universe

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



148.6510, -103.7520, -25.0000



156.4490, -141.5300, -34.1860



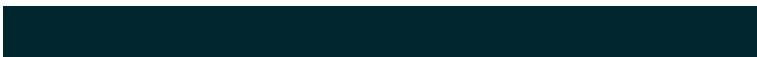
95.8210, -79.0020, 22.0700



105.5370, -6.0060, -1.2860



106.5980, -96.2330, -23.6010



28.1370, -25.4910, -6.0910

Previews

White Background



This preview shows how the YIQ color 106.3490, 103.7520, 25.0000 looks on a white background.

Color Contrast Check

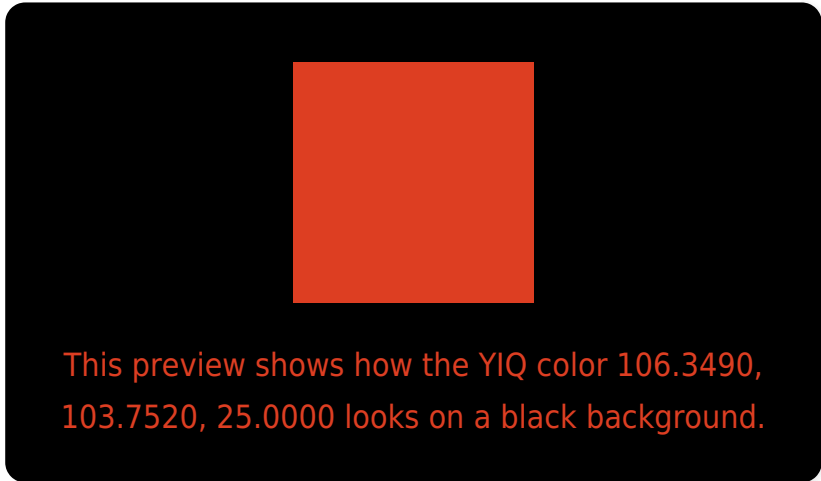
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 106.3490, 103.7520, 25.0000

Background



This preview shows how black text looks on a background with the YIQ color 106.3490, 103.7520, 25.0000.



This preview shows how white text looks on a background with the YIQ color 106.3490, 103.7520,

25.0000.

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

106.3490, 103.7520, 25.0000

Protanopia

116.9780, 31.4560, -19.4240

Deuteranopia

114.2780, 56.6740, -24.9100



Tritanopia

107.9650, 96.5060, 35.1780

Trichromacy



Original Color

106.3490, 103.7520, 25.0000

Protanomaly

113.3500, 57.3120, -3.4240

Deuteranomaly

111.6260, 73.9100, -6.8740

Tritanomaly

107.4120, 99.4410, 31.5450

Monochromacy



Original Color

106.3490, 103.7520, 25.0000

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.2020, 37.7780, 9.1860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.3490, 103.7520, 25.0000 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(221, 62, 34)` looks like.

```
.text, #text, p{  
    color:rgb(221, 62, 34)  
}
```

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(221, 62, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 62, 34) }
```

Border

The CSS property to change the border of an element to YIQ 106.3490, 103.7520, 25.0000 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(221, 62, 34) }
```


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

```
.border{ border-color:rgb(221, 62, 34) }
```

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

Here you see how a box with a 4 pixel rgb(221, 62, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 62, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 62, 34);  
box-shadow:4px 4px 4px 4px rgb(221, 62,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 106.3490, 103.7520, 25.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 62, 34) }
```

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

```
.background{ background-color: rgb(221, 62,  
34) }
```

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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