

Converting Colors

YIQ(120.3750, 74.5000, 26.5000)

Have a look what the booklet for
YIQ(120.3750, 74.5000, 26.5000)
contains.

YIQ(120.3750, 74.5000, 26.5000)	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(120.3750, 74.5000,
26.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	D05353
RGB	208, 83, 83
RGB Percent	82%, 33%, 33%
CMY	0.1840, 0.6747, 0.6742
CMYK	0.00, 0.60, 0.60, 0.18
HSL	360°, 57%, 57%
HSV	360°, 60%, 82%
XYZ	30.6872, 20.2251, 10.4853
YIQ	120.3750, 74.5000, 26.5000

Conversions

Conversions Part 2

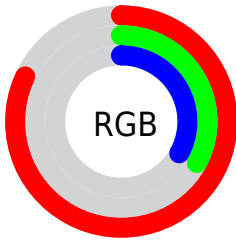
Format	Color
R_{YB}	208, 83, 83
Decimal	13652819
CIE _{Lab}	52.09, 49.52, 25.73
CIE _{LCh}	52, 55.802, 27.453
Yxy	20.2251, 0.4998, 0.3294
Android (android.graphics.Color)	4291842899 (0xFFD05353)
YUV	120.3750, -18.4259, 76.8471
Hunter-Lab	44.9723, 43.0996, 17.6571

Details

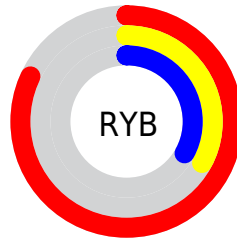
The YIQ color **120.3750, 74.5000, 26.5000** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **170.6250, -74.5000, -26.5000**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8260, 71.6120, 23.7720**, and **63.2590, 69.1350, 30.1190** is the 20% darker color. If you saturate the color by 10%, you get **105.6540, 87.0160, 30.9520**, and if you desaturate by 10%, it is **135.0960, 61.9840, 22.0480**.

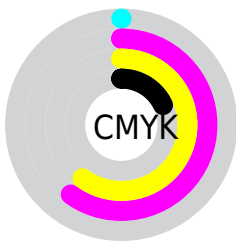
Distribution



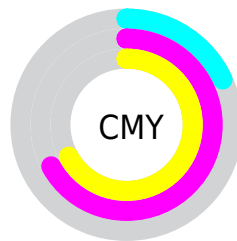
- Red (82%)
- Green (33%)
- Blue (33%)



- Red (82%)
- Yellow (33%)
- Blue (33%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (18%)





- Cyan (18%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.3750, 74.5000, 26.5000 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 120.3750, 74.5000, 26.5000 by changing the saturation by 10% instead.


 120.3750, 74.5000,
26.5000


 120.3750, 74.5000,
26.5000


255.0000, -0.0000,
-0.0000

 92.9340, 71.4280,
27.1080


 171.8260, 71.6120,
23.7720


 63.2590, 69.1350,
30.1190


 191.2260, 55.5660,
17.2140


 37.3340, 64.5500,
30.6140


 210.7400, 39.1990,
10.9670

 26.6110, 53.0440,
18.8680

 230.8410, 22.5570,
4.1970

 18.6520, 36.6310,
13.4550

 251.1700, 5.2730,
-1.9510

 8.7850, 16.9630,
6.4590

 0.0000, 0.0000,

0.0000

■ 120.3750, 74.5000,
26.5000

■ 120.3750, 74.5000,
26.5000

■ 105.6540, 87.0160,
30.9520

■ 135.0960, 61.9840,
22.0480

■ 91.0470, 99.2110,
35.7150

■ 149.8170, 49.4680,
17.5960

■ 76.9130, 111.4520,
39.6440

■ 163.8370, 37.5480,
13.3560

■ 62.1920, 123.9680,
44.0960

■ 178.5580, 25.0320,
8.9040

■ 193.2790, 12.5160,
4.4520

■ 208.0000, -0.0000,
-0.0000

■ 222.7210,
-12.5160, -4.4520

■ 236.7410,
-24.4360, -8.6920

■ 240.9470,
-28.0120, -9.9640

Harmonies

Analogous

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



122.4990, 60.1920, 43.5200



120.3750, 74.5000, 26.5000



120.5750, 69.9200, -0.6400

Triad

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



120.3750, 74.5000, 26.5000



100.8910, -43.9150, -46.6590



101.9770, -106.6450, -0.0930

Complementary

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



120.3750, 74.5000, 26.5000



170.6250, -74.5000, -26.5000

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.



106.6100, -104.5340, -10.8220



120.3750, 74.5000, 26.5000



99.1540, -78.0280, -39.6600

Square

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



120.3750, 74.5000, 26.5000



113.2450, 16.7420, -39.1140



104.7400, -93.7570, -24.4210



124.9550, -29.3490, 30.8030

Rectangle

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



120.3750, 74.5000, 26.5000



119.0060, 60.6160, -19.2560



104.7400, -93.7570, -24.4210



104.0970, -107.1030, -2.8070

Sweetspot

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



120.3750, 74.5000, 26.5000



222.7540, 27.4160, 9.7520



134.0270, 33.1830, 64.9510



107.6710, 17.2840, 6.1480



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.



120.3750, 74.5000, 26.5000



126.1300, 109.3430, 39.3190



155.5950, 58.0000, -4.8800



97.2890, 6.5560, 2.3320



50.2320, 100.1280, 35.6160



12.2590, 24.4360, 8.6920

Inverse Universe

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



120.3750, 74.5000, 26.5000



126.1300, 109.3430, 39.3190



135.4050, -58.0000, 4.8800



97.2890, 6.5560, 2.3320



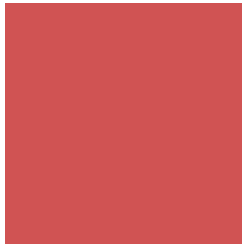
50.2320, 100.1280, 35.6160



12.2590, 24.4360, 8.6920

Previews

White Background



This preview shows how the YIQ color 120.3750, 74.5000, 26.5000 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 120.3750, 74.5000, 26.5000 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 120.3750, 74.5000, 26.5000

Background



This preview shows how black text looks on a background with the YIQ color 120.3750, 74.5000, 26.5000.



This preview shows how white text looks on a background with the YIQ color 120.3750, 74.5000, 26.5000.

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

120.3750, 74.5000, 26.5000

Protanopia

124.3570, 11.8760, -5.9800

Deuteranopia

123.7800, 32.5540, -6.2780



Tritanopia

120.2440, 73.4910, 28.2670

Trichromacy



Original Color

120.3750, 74.5000, 26.5000

Protanomaly

123.1260, 34.9360, 5.6240

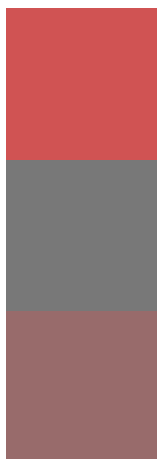
Deuteranomaly

122.6560, 48.0030, 5.5950

Tritanomaly

120.1300, 73.8120, 27.9560

Monochromacy



Original Color

120.3750, 74.5000, 26.5000

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.4550, 26.8200, 9.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.3750, 74.5000, 26.5000 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(208, 83, 83)` looks like.

```
.text, #text, p{  
    color:rgb(208, 83, 83)  
}
```

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(208, 83, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 83, 83) }
```

Border

The CSS property to change the border of an element to YIQ 120.3750, 74.5000, 26.5000 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(208, 83, 83) }
```


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

```
.border{ border-color:rgb(208, 83, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 83, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 83, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 83, 83);  
box-shadow:4px 4px 4px 4px rgb(208, 83,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 120.3750, 74.5000, 26.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 83, 83) }
```

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

```
.background{ background-color: rgb(208, 83,  
83) }
```

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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