

Converting Colors

YIQ(136.2820, 70.3280, 25.0160)

Have a look what the booklet for
YIQ(136.2820, 70.3280, 25.0160)
contains.

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Color

**YIQ(136.2820, 70.3280,
25.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6565
RGB	219, 101, 101
RGB Percent	86%, 40%, 40%
CMY	0.1409, 0.6041, 0.6036
CMYK	0.00, 0.54, 0.54, 0.14
HSL	360°, 62%, 63%
HSV	360°, 54%, 86%
XYZ	36.2363, 25.3099, 15.3056
YIQ	136.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

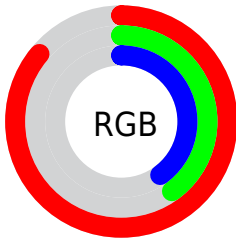
Format	Color
R_{YB}	219, 101, 101
Decimal	14378341
CIE Lab	57.38, 46.28, 22.52
CIE LCh	57, 51.465, 25.949
Yxy	25.3099, 0.4715, 0.3293
Android (android.graphics.Color)	4292568421 (0xFFDB6565)
YUV	136.2820, -17.3940, 72.5437
Hunter-Lab	50.3089, 40.5285, 17.1783

Details

The YIQ color **136.2820, 70.3280, 25.0160** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **183.7180, -70.3280, -25.0160**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5580, 60.5630, 20.2670**, and **81.8730, 64.2300, 25.3980** is the 20% darker color. If you saturate the color by 10%, you get **120.8600, 83.4400, 29.6800**, and if you desaturate by 10%, it is **151.7040, 57.2160, 20.3520**.

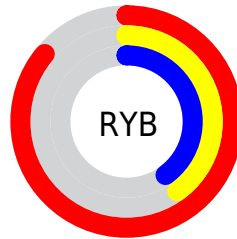
Distribution



Red (86%)

Green (40%)

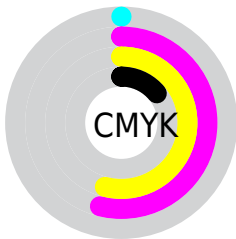
Blue (40%)



Red (86%)

Yellow (40%)

Blue (40%)

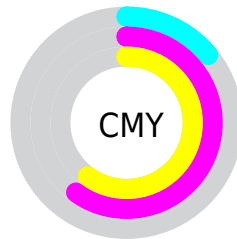


Cyan (0%)

Magenta (54%)

Yellow (54%)

Black (14%)



Cyan (14%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.2820, 70.3280, 25.0160 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 136.2820, 70.3280, 25.0160 by changing the saturation by 10% instead.

136.2820, 70.3280,
25.0160

136.2820, 70.3280,
25.0160

255.0000, -0.0000,
-0.0000

109.3140, 67.3020,
24.7900

184.5580, 60.5630,
20.2670

81.8730, 64.2300,
25.3980

204.0720, 44.1960,
14.0200

52.6110, 62.2120,
28.9320

223.5860, 27.8290,
7.7730

31.5670, 56.3440,
25.1440

243.8010, 10.8660,
1.3140

21.8270, 43.5080,
15.4760

13.9820, 26.7740,
10.3740

0.0000, 0.0000,

0.0000

■ 136.2820, 70.3280,
25.0160

■ 136.2820, 70.3280,
25.0160

■ 120.8600, 83.4400,
29.6800

■ 151.7040, 57.2160,
20.3520

■ 105.4380, 96.5520,
34.3440

■ 167.1260, 44.1040,
15.6880

■ 90.0160, 109.6640,
39.0080

■ 182.5480, 30.9920,
11.0240

■ 74.7080, 122.4550,
43.9830

■ 197.9700, 17.8800,
6.3600

■ 65.4810, 130.5240,
46.4280

■ 212.8050, 5.0430,
2.2190

■ 228.1130, -7.7480,
-2.7560

■ 243.5350,
-20.8600, -7.4200

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



138.7540, 54.9200, 39.9440



136.2820, 70.3280, 25.0160



135.4870, 67.3520, 1.8480

Triad

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



136.2820, 70.3280, 25.0160



120.1100, -31.1700, -40.8500



110.9930, -112.7420, -5.2380

Complementary

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



136.2820, 70.3280, 25.0160



183.7180, -70.3280, -25.0160

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.



115.0390, -110.3560, -15.4440



136.2820, 70.3280, 25.0160



108.1530, -85.4550, -42.7270

Square

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



136.2820, 70.3280, 25.0160



129.1790, 17.1080, -34.7320



113.3970, -100.2210, -28.4210



138.6730, -28.6150, 28.5130

Rectangle

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



136.2820, 70.3280, 25.0160



134.3140, 56.9930, -14.1670



113.3970, -100.2210, -28.4210



113.1130, -113.2000, -7.9520

Sweetspot

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



136.2820, 70.3280, 25.0160



226.2590, 24.4360, 8.6920



149.1360, 31.2580, 61.2900



110.4750, 14.9000, 5.3000



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.



136.2820, 70.3280, 25.0160



138.6340, 98.9360, 35.1920



169.7410, 54.6530, -4.7950



102.2890, 6.5560, 2.3320



51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Inverse Universe

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



136.2820, 70.3280, 25.0160



138.6340, 98.9360, 35.1920



150.2590, -54.6530, 4.7950



102.2890, 6.5560, 2.3320



51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 136.2820, 70.3280, 25.0160 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 136.2820, 70.3280, 25.0160 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 136.2820, 70.3280, 25.0160

Background



This preview shows how black text looks on a background with the YIQ color 136.2820, 70.3280, 25.0160.



This preview shows how white text looks on a background with the YIQ color 136.2820, 70.3280,

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

136.2820, 70.3280, 25.0160

Protanopia

137.8130, 10.5920, -4.7360

Deuteranopia

137.7630, 31.2240, -4.2000



Tritanopia

136.3790, 68.6770, 27.4050

Trichromacy



Original Color

136.2820, 70.3280, 25.0160

Protanomaly

137.5710, 32.1850, 5.9210

Deuteranomaly

137.5140, 45.5270, 6.4150

Tritanomaly

136.1510, 69.3190, 26.7830

Monochromacy



Original Color

136.2820, 70.3280, 25.0160

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.8570, 25.6280, 9.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.2820, 70.3280, 25.0160 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(219, 101, 101)` looks like.

```
.text, #text, p{  
    color:rgb(219, 101, 101)  
}
```

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(219, 101, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 101, 101) }
```

Border

The CSS property to change the border of an element to YIQ 136.2820, 70.3280, 25.0160 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(219, 101, 101) }
```


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

```
.border{ border-color:rgb(219, 101, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 101, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 101, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 101, 101);  
box-shadow:4px 4px 4px 4px rgb(219, 101,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 136.2820, 70.3280, 25.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 101, 101) }
```

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

```
.background{ background-color: rgb(219,  
101, 101) }
```

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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