

Converting Colors

YIQ(188.0360, 42.7360,
-25.6160)

Have a look what the booklet for
YIQ(188.0360, 42.7360, -25.6160)
contains.

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Color

**YIQ(188.0360, 42.7360,
-25.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C161
RGB	213, 193, 97
RGB Percent	84%, 76%, 38%
CMY	0.1647, 0.2431, 0.6194
CMYK	0.00, 0.09, 0.54, 0.16
HSL	50°, 58%, 61%
HSV	50°, 54%, 84%
XYZ	48.6683, 53.1460, 19.0176
YIQ	188.0360, 42.7360, -25.6160

Conversions

Conversions Part 2

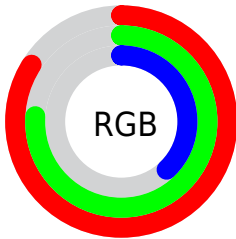
Format	Color
RYB	121, 213, 97
Decimal	14008673
CIELab	77.96, -4.99, 50.21
CIELCh	78, 50.453, 95.680
Yxy	53.1460, 0.4028, 0.4398
Android (android.graphics.Color)	4292198753 (0xFFD5C161)
YUV	188.0360, -44.8807, 21.8934
Hunter-Lab	72.9013, -8.4122, 35.5641

Details

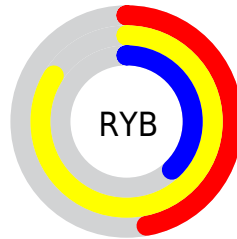
The YIQ color **188.0360, 42.7360, -25.6160** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **121.9640, -42.7360, 25.6160**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.5080, 35.3550, -29.5170**, and **133.9540, 40.0310, -26.1530** is the 20% darker color. If you saturate the color by 10%, you get **183.2940, 50.5770, -30.0550**, and if you desaturate by 10%, it is **192.7780, 34.8950, -21.1770**.

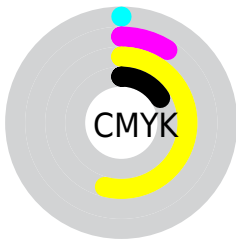
Distribution



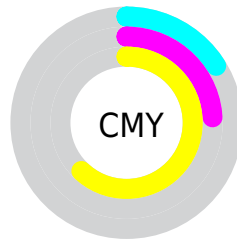
- Red (84%)
- Green (76%)
- Blue (38%)



- Red (47%)
- Yellow (84%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.0360, 42.7360, -25.6160 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 188.0360, 42.7360, -25.6160 by changing the saturation by 10% instead.

■ 188.0360, 42.7360,
-25.6160

■ 188.0360, 42.7360,
-25.6160

■ 255.0000, -0.0000,
-0.0000

■ 160.5520, 41.2230,
-25.7290

■ 239.5080, 35.3550,
-29.5170

■ 133.9540, 40.0310,
-26.1530

■ 246.2220, 24.7170,
-23.9470

■ 107.0140, 39.8020,
-27.5100

■ 249.4140, 15.7290,
-15.2390

■ 83.0290, 35.4460,
-25.6580

■ 252.6060, 6.7410,
-6.5310

■ 61.7540, 26.2750,
-19.1410

■ 41.0660, 16.8290,
-13.1470

■ 22.1500, 8.0250,

-7.7750

■ 0.0000, 0.0000,
0.0000

■ 188.0360, 42.7360,
-25.6160

■ 188.0360, 42.7360,
-25.6160

■ 183.2940, 50.5770,
-30.0550

■ 192.7780, 34.8950,
-21.1770

■ 179.0250, 58.4640,
-35.3280

■ 197.0470, 27.0080,
-15.9040

■ 174.2830, 66.3050,
-39.7670

■ 201.7890, 19.1670,
-11.4650

■ 169.5410, 74.1460,
-44.2060

■ 206.5310, 11.3260,
-7.0260

■ 166.9990, 78.5480,
-46.8920

■ 210.8000, 3.4390,
-1.7530

■ 215.5420, -4.4020,
2.6860

■ 220.2840,
-12.2430, 7.1250

■ 223.0710,
-15.9570, 8.3550

■ 225.4190,
-17.0570, 6.2630

Harmonies

Analogous

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



191.8580, 67.4450, -5.3470



188.0360, 42.7360, -25.6160



182.6550, 3.9040, -37.7280

Triad

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



188.0360, 42.7360, -25.6160



154.2490, -138.0910, -35.9390



197.2000, 33.2330, 42.0090

Complementary

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



188.0360, 42.7360, -25.6160



121.9640, -42.7360, 25.6160

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.



195.4600, -5.9660, 31.0420



188.0360, 42.7360, -25.6160



151.1660, -139.0550, -29.4790

Square

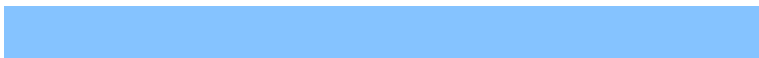
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188.0360, 42.7360, -25.6160



150.1790, -123.8750, -51.2910



183.3020, -56.2120, 5.5160



187.8470, 49.9240, 31.3640

Rectangle

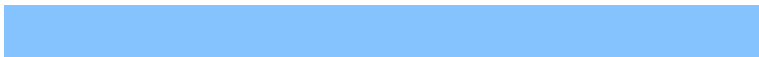
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.0360, 42.7360, -25.6160



177.2520, -28.6940, -41.6700



183.3020, -56.2120, 5.5160



198.7410, 21.4040, 41.6280

Sweetspot

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



188.0360, 42.7360, -25.6160



246.2170, 15.0860, -9.0900



134.0780, 62.3950, 31.1230



122.2150, 9.4000, -5.1600



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.



188.0360, 42.7360, -25.6160



219.0530, 61.2610, -36.4590



188.7130, 15.1840, -43.9200



104.5720, 4.0810, -2.3750



133.8960, 63.1410, -37.4910



33.9890, 15.7280, -9.7120

Inverse Universe

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



121.9640, -42.7360, 25.6160



124.9470, -61.2610, 36.4590



121.2870, -15.1840, 43.9200



98.4280, -4.0810, 2.3750



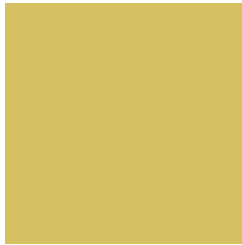
36.5170, -62.8660, 38.0140



9.0110, -15.7280, 9.7120

Previews

White Background



This preview shows how the YIQ color 188.0360, 42.7360, -25.6160 looks on a white background.

Color Contrast Check

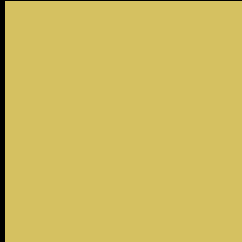
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 188.0360, 42.7360, -25.6160 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 ✓ Pass

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

YIQ 188.0360, 42.7360, -25.6160

Background



This preview shows how black text looks on a background with the YIQ color 188.0360, 42.7360, -25.6160.



This preview shows how white text looks on a background with the YIQ color 188.0360, 42.7360, -25.6160.

-25.6160.

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

188.0360, 42.7360, -25.6160

Protanopia

188.0360, 42.7360, -25.6160

Deuteranopia

190.1570, 58.8730, -15.1990



Tritanopia

195.5560, 19.3460, 12.8340

Trichromacy



Original Color

188.0360, 42.7360, -25.6160

Protanomaly

188.0360, 42.7360, -25.6160

Deuteranomaly

189.1130, 53.0050, -18.9870

Tritanomaly

192.9030, 28.0140, -1.0900

Monochromacy



Original Color

188.0360, 42.7360, -25.6160

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1030, 15.4070, -9.4010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.0360, 42.7360, -25.6160 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(213, 193, 97)` looks like.

```
.text, #text, p{  
    color:rgb(213, 193, 97)  
}
```

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(213, 193, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 193, 97) }
```

Border

The CSS property to change the border of an element to YIQ 188.0360, 42.7360, -25.6160 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(213, 193, 97) }
```


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

```
.border{ border-color:rgb(213, 193, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 193, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 193, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 193, 97);  
box-shadow:4px 4px 4px 4px rgb(213, 193,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 188.0360, 42.7360, -25.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 193, 97) }
```

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

```
.background{ background-color: rgb(213,  
193, 97) }
```

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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