

Converting Colors

YIQ(136.6140, 30.6260, 6.6420)

Have a look what the booklet for
YIQ(136.6140, 30.6260, 6.6420)
contains.

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Color

**YIQ(136.6140, 30.6260,
6.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7C72
RGB	170, 124, 114
RGB Percent	67%, 49%, 45%
CMY	0.3332, 0.5138, 0.5528
CMYK	0.00, 0.27, 0.33, 0.33
HSL	11°, 25%, 56%
HSV	11°, 33%, 67%
XYZ	26.8276, 24.1751, 19.1817
YIQ	136.6140, 30.6260, 6.6420

Conversions

Conversions Part 2

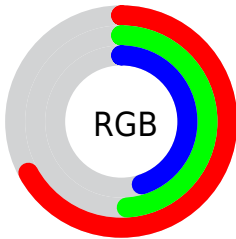
Format	Color
R _Y B	170, 126, 114
Decimal	11172978
CIE Lab	56.26, 16.51, 12.47
CIE LCh	56, 20.689, 37.078
Yxy	24.1751, 0.3822, 0.3445
Android (android.graphics.Color)	4289363058 (0xFFAA7C72)
YUV	136.6140, -11.1487, 29.2795
Hunter-Lab	49.1682, 11.3506, 11.2872

Details

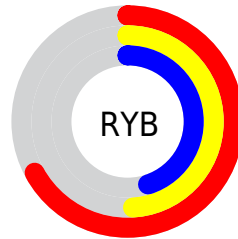
The YIQ color **136.6140, 30.6260, 6.6420** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.3860, -30.6260, -6.6420**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3970, 32.7350, 6.9670**, and **86.2330, 27.3250, 5.8930** is the 20% darker color. If you saturate the color by 10%, you get **126.4580, 39.9330, 8.6770**, and if you desaturate by 10%, it is **146.7700, 21.3190, 4.6070**.

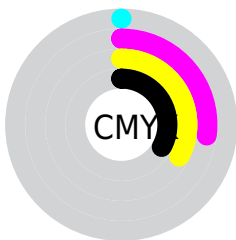
Distribution



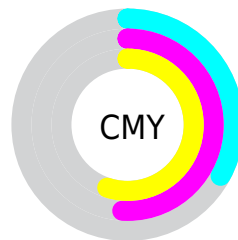
- Red (67%)
- Green (49%)
- Blue (45%)



- Red (67%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.6140, 30.6260, 6.6420 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 136.6140, 30.6260, 6.6420 by changing the saturation by 10% instead.


 136.6140, 30.6260,
6.6420


 136.6140, 30.6260,
6.6420


255.0000, -0.0000,
-0.0000


 111.1300, 29.1130,
6.5290


 190.3970, 32.7350,
6.9670


 86.2330, 27.3250,
5.8930


 217.9950, 33.9270,
7.3910


 62.7490, 25.8120,
5.7800

 237.6230, 17.2390,
1.4550

 39.9660, 23.7030,
5.4550

 254.3160, 1.9260,
-1.8660

 17.5530, 23.4280,
4.9320

 0.2990, 0.5960,
0.2120

 0.0000, 0.0000,

0.0000

■ 136.6140, 30.6260,
6.6420

■ 136.6140, 30.6260,
6.6420

■ 126.4580, 39.9330,
8.6770

■ 146.7700, 21.3190,
4.6070

■ 116.3020, 49.2400,
10.7120

■ 156.9260, 12.0120,
2.5720

■ 106.1460, 58.5470,
12.7470

■ 167.0820, 2.7050,
0.5370

■ 95.9900, 67.8540,
14.7820

■ 177.2380, -6.6020,
-1.4980

■ 85.8340, 77.1610,
16.8170

■ 187.3940,
-15.9090, -3.5330

■ 75.6780, 86.4680,
18.8520

■ 197.5500,
-25.2160, -5.5680

■ 68.4400, 93.0700,
20.3500

■ 207.7060,
-34.5230, -7.6030

■ 217.8620,
-43.8300, -9.6380

■ 226.6500,
-49.2850, -15.4050

Harmonies

Analogous

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



137.6770, 26.3150, 13.1870



136.6140, 30.6260, 6.6420



135.1910, 27.1430, -1.8250

Triad

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



136.6140, 30.6260, 6.6420



129.3040, -16.1360, -15.9440



134.2060, -20.7710, 7.4930

Complementary

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



136.6140, 30.6260, 6.6420



147.3860, -30.6260, -6.6420

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.



130.2100, -35.7620, -1.6660



136.6140, 30.6260, 6.6420



126.9740, -32.6420, -14.1620

Square

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



136.6140, 30.6260, 6.6420



131.3400, 1.3780, -13.9660



127.1290, -40.2080, -9.2000



137.1760, -2.8910, 13.8530

Rectangle

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



136.6140, 30.6260, 6.6420



134.2070, 21.0460, -6.9700



127.1290, -40.2080, -9.2000



132.9880, -26.0890, 4.7510

Sweetspot

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



136.6140, 30.6260, 6.6420



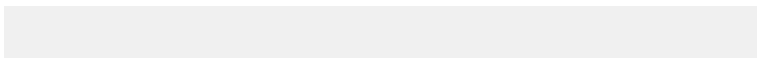
208.9260, 12.0120, 2.5720



136.1020, 18.2890, 26.4890



104.0610, 7.1980, 1.7100



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



136.6140, 30.6260, 6.6420



169.0030, 48.6440, 10.5000



152.4630, 23.2010, -7.4790



78.9790, 4.4930, 1.1730



59.5140, 81.0580, 17.7780



8.3280, 10.8200, 2.1480

Inverse Universe

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



147.3860, -30.6260, -6.6420



185.9970, -48.6440, -10.5000



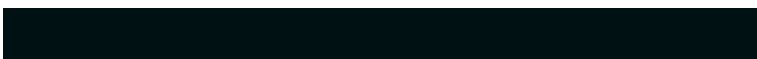
131.5370, -23.2010, 7.4790



81.0210, -4.4930, -1.1730



88.4860, -81.0580, -17.7780



12.2590, -11.0950, -2.6710

Previews

White Background



This preview shows how the YIQ color 136.6140, 30.6260, 6.6420 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 136.6140, 30.6260, 6.6420 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 136.6140, 30.6260, 6.6420

Background



This preview shows how black text looks on a background with the YIQ color 136.6140, 30.6260, 6.6420.



This preview shows how white text looks on a background with the YIQ color 136.6140, 30.6260,

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

136.6140, 30.6260, 6.6420

Protanopia

134.9700, 8.7120, -3.7040

Deuteranopia

135.8360, 20.9530, 0.2250



Tritanopia

137.3890, 27.1860, 13.9220

Trichromacy



Original Color

136.6140, 30.6260, 6.6420

Protanomaly

135.6830, 17.0100, 0.0980

Deuteranomaly

136.1570, 24.4830, 2.3310

Tritanomaly

136.9930, 28.2410, 11.3210

Monochromacy



Original Color

136.6140, 30.6260, 6.6420

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.7410, 11.0950, 2.6710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6140, 30.6260, 6.6420 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(170, 124, 114)` looks like.

```
.text, #text, p{  
    color:rgb(170, 124, 114)  
}
```

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(170, 124, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 124, 114) }
```

Border

The CSS property to change the border of an element to YIQ 136.6140, 30.6260, 6.6420 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(170, 124, 114) }
```


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

```
.border{ border-color:rgb(170, 124, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 124, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 124, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 124, 114);  
box-shadow:4px 4px 4px 4px rgb(170, 124,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6140, 30.6260, 6.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 124, 114) }
```

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

```
.background{ background-color: rgb(170,  
124, 114) }
```

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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