

Converting Colors

YIQ(215.7730, 25.2640, -6.3200)

Have a look what the booklet for
YIQ(215.7730, 25.2640, -6.3200)
contains.

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Color

**YIQ(215.7730, 25.2640,
-6.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD5B1
RGB	236, 213, 177
RGB Percent	93%, 84%, 69%
CMY	0.0745, 0.1647, 0.3057
CMYK	0.00, 0.10, 0.25, 0.07
HSL	37°, 61%, 81%
HSV	37°, 25%, 93%
XYZ	66.3257, 68.5935, 51.3562
YIQ	215.7730, 25.2640, -6.3200

Conversions

Conversions Part 2

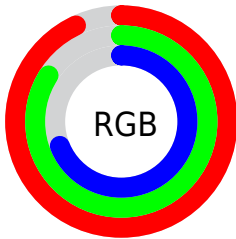
Format	Color
R_{YB}	215, 236, 177
Decimal	15521201
CIE _{Lab}	86.30, 2.53, 20.70
CIE _{LCh}	86, 20.855, 83.026
Yxy	68.5935, 0.3561, 0.3682
Android (android.graphics.Color)	4293711281 (0xFFECD5B1)
YUV	215.7730, -19.1151, 17.7391
Hunter-Lab	82.8212, -1.9890, 21.2100

Details

The YIQ color $215.7730, 25.2640, -6.3200$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $197.2270, -25.2640, 6.3200$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, 7.0620, -6.8420$, and $160.7020, 24.0260, -5.9100$ is the 20% darker color. If you saturate the color by 10%, you get $207.7540, 35.4430, -9.0770$, and if you desaturate by 10%, it is $223.7920, 15.0850, -3.5630$.

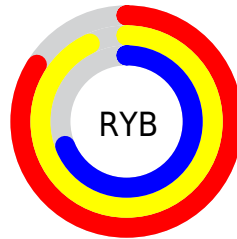
Distribution



Red (93%)

Green (84%)

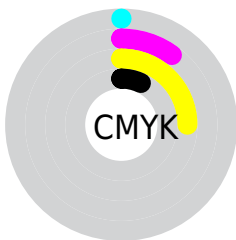
Blue (69%)



Red (84%)

Yellow (93%)

Blue (69%)

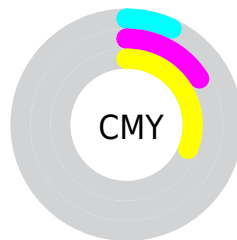


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.7730, 25.2640, -6.3200 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 215.7730, 25.2640, -6.3200 by changing the saturation by 10% instead.

215.7730, 25.2640,
-6.3200

215.7730, 25.2640,
-6.3200

255.0000, -0.0000,
-0.0000

187.5880, 24.3470,
-6.2210

252.4920, 7.0620,
-6.8420

160.7020, 24.0260,
-5.9100

134.2180, 22.5130,
-6.0230

109.0330, 21.5960,
-5.9240

84.5490, 20.0830,
-6.0370

61.3640, 19.1660,
-5.9380

38.6520, 18.2950,

-6.6730

■ 19.5360, 12.9300,
-3.0540

■ 0.0000, 0.0000,
0.0000

■ 215.7730, 25.2640,
-6.3200

■ 215.7730, 25.2640,
-6.3200

■ 207.7540, 35.4430,
-9.0770

■ 223.7920, 15.0850,
-3.5630

■ 199.8490, 45.3010,
-11.5230

■ 231.6970, 5.2270,
-1.1170

■ 191.2430, 55.7550,
-13.7570

■ 240.3030, -5.2270,
1.1170

■ 183.3380, 65.6130,
-16.2030

■ 246.3840, -9.9490,
-1.4130

■ 175.3190, 75.7920,
-18.9600

■ 249.3190,
-11.3240, -4.0280

■ 167.3000, 85.9710,
-21.7170

■ 159.3950, 95.8290,
-24.1630

■ 155.0920,
101.0560, -25.2800

Harmonies

Analogous

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



217.6480, 33.2860, 2.4860



215.7730, 25.2640, -6.3200



213.2440, 10.4560, -13.2880

Triad

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



215.7730, 25.2640, -6.3200



208.3200, -39.4280, -12.3240



219.1450, 7.5620, 17.1460

Complementary

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



215.7730, 25.2640, -6.3200



197.2270, -25.2640, 6.3200

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.



217.1580, -11.6480, 12.8640



215.7730, 25.2640, -6.3200



210.1770, -40.1630, -4.5070

Square

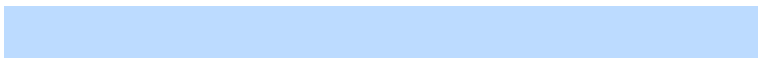
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.7730, 25.2640, -6.3200



208.9160, -26.7270, -16.7350



213.8350, -30.0320, 4.6240



220.0020, 24.0220, 16.1980

Rectangle

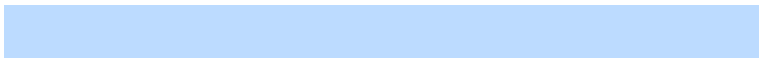
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.7730, 25.2640, -6.3200



212.0190, -2.1520, -16.0720



213.8350, -30.0320, 4.6240



218.7960, 1.2350, 16.1710

Sweetspot

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



215.7730, 25.2640, -6.3200



248.8390, 7.7030, -1.9370



197.3770, 27.4600, 19.9720



124.3980, 4.6310, -1.3290



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.



215.7730, 25.2640, -6.3200



228.7260, 32.6460, -7.9460



227.4800, 15.3630, -19.6210



113.3980, 4.6310, -1.3290



118.6890, 77.6260, -19.1580



35.5170, 23.1090, -5.8110

Inverse Universe

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



197.2270, -25.2640, 6.3200



204.6870, -32.3710, 8.4690



185.5200, -15.3630, 19.6210



109.6020, -4.6310, 1.3290



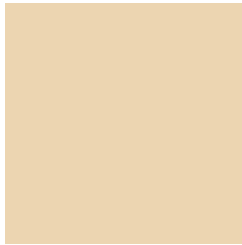
62.3110, -77.6260, 19.1580



18.4830, -23.1090, 5.8110

Previews

White Background



This preview shows how the YIQ color 215.7730, 25.2640, -6.3200 looks on a white background.

Color Contrast Check

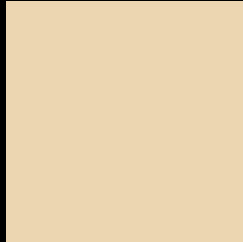
Large Text (above 18pt) WCAG AA × Fail

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 215.7730, 25.2640, -6.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

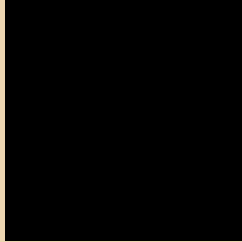
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.7730, 25.2640, -6.3200

Background



This preview shows how black text looks on a background with the YIQ color 215.7730, 25.2640, -6.3200.



This preview shows how white text looks on a background with the YIQ color 215.7730, 25.2640, -6.3200.

-6.3200.

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

215.7730, 25.2640, -6.3200

Protanopia

215.2560, 19.3500, -9.2740

Deuteranopia

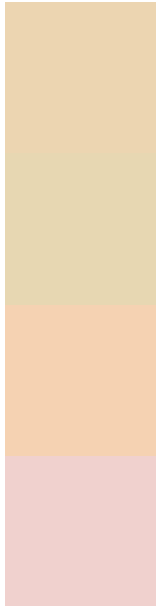
217.1380, 34.6620, -0.4260



Tritanopia

219.2890, 15.7240, 12.3960

Trichromacy



Original Color

215.7730, 25.2640, -6.3200

Protanomaly

215.5660, 21.4130, -8.1150

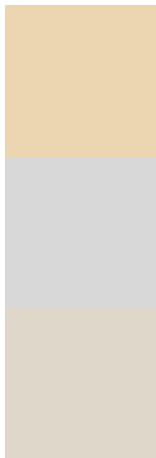
Deuteranomaly

216.8170, 31.1320, -2.5320

Tritanomaly

217.9270, 19.4390, 5.6390

Monochromacy



Original Color

215.7730, 25.2640, -6.3200

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9100, 8.9410, -2.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.7730, 25.2640, -6.3200 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(236, 213, 177)` looks like.

```
.text, #text, p{  
    color:rgb(236, 213, 177)  
}
```

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(236, 213, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 213, 177) }
```

Border

The CSS property to change the border of an element to YIQ 215.7730, 25.2640, -6.3200 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(236, 213, 177) }
```


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

```
.border{ border-color:rgb(236, 213, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 213, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 213, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 213, 177);  
box-shadow:4px 4px 4px 4px rgb(236, 213,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 215.7730, 25.2640, -6.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 213, 177) }
```

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

```
.background{ background-color: rgb(236,  
213, 177) }
```

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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