

Converting Colors

YIQ(202.6190, 23.0620, 0.5500)

Have a look what the booklet for
YIQ(202.6190, 23.0620, 0.5500)
contains.

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Color

**YIQ(202.6190, 23.0620,
0.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C4B2
RGB	225, 196, 178
RGB Percent	88%, 77%, 70%
CMY	0.1176, 0.2314, 0.3018
CMYK	0.00, 0.13, 0.21, 0.12
HSL	23°, 44%, 79%
HSV	23°, 21%, 88%
XYZ	58.8317, 58.6997, 50.3630
YIQ	202.6190, 23.0620, 0.5500

Conversions

Conversions Part 2

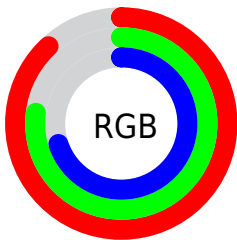
Format	Color
R_{YB}	225, 207, 178
Decimal	14795954
CIE _{Lab}	81.13, 7.47, 12.79
CIE _{LCh}	81, 14.807, 59.712
Yxy	58.6997, 0.3504, 0.3496
Android (android.graphics.Color)	4292986034 (0xFFE1C4B2)
YUV	202.6190, -12.1372, 19.6281
Hunter-Lab	76.6157, 2.9891, 14.6570

Details

The YIQ color $202.6190, 23.0620, 0.5500$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $200.3810, -23.0620, -0.5500$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4320, 7.2910, -5.4850$, and $148.1350, 21.5490, 0.4370$ is the 20% darker color. If you saturate the color by 10%, you get $191.8930, 33.9740, 1.0300$, and if you desaturate by 10%, it is $213.4590, 11.8290, 0.3810$.

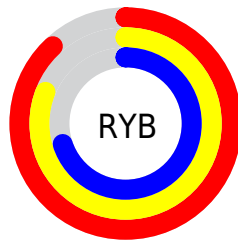
Distribution



Red (88%)

Green (77%)

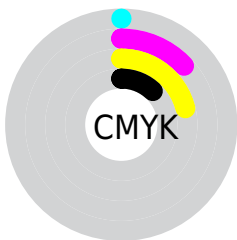
Blue (70%)



Red (88%)

Yellow (81%)

Blue (70%)

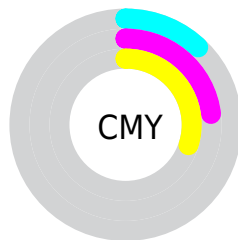


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (12%)



Cyan (12%)


Magenta (23%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.6190, 23.0620, 0.5500 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 202.6190, 23.0620, 0.5500 by changing the saturation by 10% instead.


 202.6190, 23.0620,
0.5500


 202.6190, 23.0620,
0.5500


255.0000, -0.0000,
-0.0000


 175.3200, 22.4660,
0.3380


 251.4320, 7.2910,
-5.4850

 148.1350, 21.5490,
0.4370

 122.5370, 20.3570,
0.0130

 97.3520, 19.4400,
0.1120

 73.8680, 17.9270,
-0.0010

 50.6830, 17.0100,
0.0980

 28.9710, 16.1390,

-0.6370

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 202.6190, 23.0620,
0.5500

■ 202.6190, 23.0620,
0.5500

■ 191.8930, 33.9740,
1.0300

■ 213.4590, 11.8290,
0.3810

■ 181.0530, 45.2070,
1.1990

■ 224.1850, 0.9170,
-0.0990

■ 170.3270, 56.1190,
1.6790

■ 235.0250,
-10.3160, -0.2680

■ 159.4870, 67.3520,
1.8480

■ 244.2690,
-17.0550, -4.7910

■ 149.3480, 77.9890,
1.8050

■ 246.0300,
-17.8800, -6.3600

■ 138.5080, 89.2220,
1.9740

■ 127.7820,
100.1340, 2.4540

■ 117.7570,
110.4500, 2.7220

Harmonies

Analogous

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



203.7920, 24.2530, 6.5010



202.6190, 23.0620, 0.5500



200.9230, 16.0940, -5.3300

Triad

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



202.6190, 23.0620, 0.5500



197.0140, -20.9510, -11.2790



202.8720, -5.0910, 9.6690

Complementary

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



202.6190, 23.0620, 0.5500



200.3810, -23.0620, -0.5500

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.



200.8810, -18.4780, 4.4820



202.6190, 23.0620, 0.5500



196.8270, -27.5540, -7.2500

Square

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



202.6190, 23.0620, 0.5500



197.8320, -8.7550, -12.0430



198.5870, -26.6380, -1.8220



204.2820, 8.4340, 12.3540

Rectangle

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



202.6190, 23.0620, 0.5500



199.8080, 8.9880, -8.7080



198.5870, -26.6380, -1.8220



202.4800, -9.8590, 7.9730

Sweetspot

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



202.6190, 23.0620, 0.5500



248.0070, 7.2900, 0.0420



195.4730, 18.3820, 19.2940



123.4520, 4.5390, 0.3390



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.



202.6190, 23.0620, 0.5500



224.8110, 31.2690, 0.4930



216.1200, 16.7370, -11.4790



106.6370, 5.4560, 0.2400



91.9530, 86.4710, 2.2710



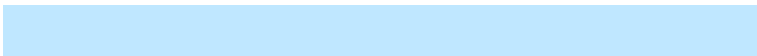
25.5050, 23.3830, 0.2390

Inverse Universe

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



200.3810, -23.0620, -0.5500



221.7760, -31.5440, -1.0160



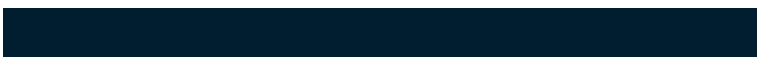
186.8800, -16.7370, 11.4790



106.3630, -5.4560, -0.2400



84.0470, -86.4710, -2.2710



23.0820, -23.6580, -0.7620

Previews

White Background



This preview shows how the YIQ color 202.6190, 23.0620, 0.5500 looks on a white background.

Color Contrast Check

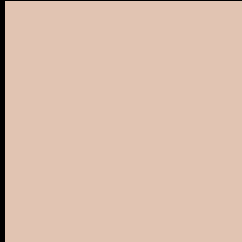
Large Text (above 18pt) WCAG AA × Fail

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 202.6190, 23.0620, 0.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

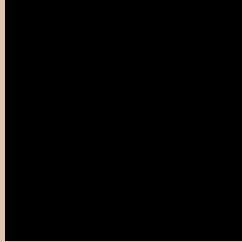
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.6190, 23.0620, 0.5500

Background



This preview shows how black text looks on a background with the YIQ color 202.6190, 23.0620, 0.5500.



This preview shows how white text looks on a background with the YIQ color 202.6190, 23.0620,

0.5500.

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

202.6190, 23.0620, 0.5500

Protanopia

201.4110, 11.7840, -4.3120

Deuteranopia

202.9400, 26.5920, 2.6560



Tritanopia

204.7730, 17.2370, 12.5090

Trichromacy



Original Color

202.6190, 23.0620, 0.5500

Protanomaly

201.6180, 15.6350, -2.5170

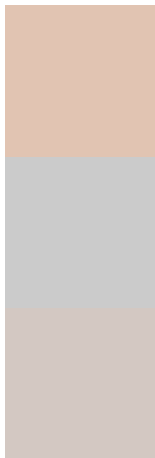
Deuteranomaly

202.9290, 25.1250, 1.7090

Tritanomaly

203.8070, 19.8970, 8.3530

Monochromacy



Original Color

202.6190, 23.0620, 0.5500

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.6050, 8.4820, 0.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.6190, 23.0620, 0.5500 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(225, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 178)  
}
```

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(225, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 178) }
```

Border

The CSS property to change the border of an element to YIQ 202.6190, 23.0620, 0.5500 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(225, 196, 178) }
```


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

```
.border{ border-color:rgb(225, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(225, 196,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 202.6190, 23.0620, 0.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 178) }
```

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

```
.background{ background-color: rgb(225,  
196, 178) }
```

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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