

Converting Colors

YIQ(204.2010, 30.3510, 6.1190)

Have a look what the booklet for
YIQ(204.2010, 30.3510, 6.1190)
contains.

YIQ(204.2010, 30.3510, 6.1190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(204.2010, 30.3510,
6.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC0B5
RGB	237, 192, 181
RGB Percent	93%, 75%, 71%
CMY	0.0705, 0.2471, 0.2901
CMYK	0.00, 0.19, 0.24, 0.07
HSL	12°, 61%, 82%
HSV	12°, 24%, 93%
XYZ	62.1229, 59.0374, 51.8549
YIQ	204.2010, 30.3510, 6.1190

Conversions

Conversions Part 2

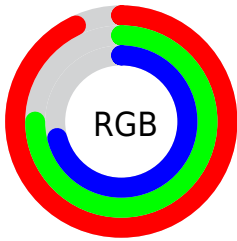
Format	Color
R _Y B	237, 195, 181
Decimal	15581365
CIE Lab	81.31, 14.47, 11.59
CIE LCh	81, 18.542, 38.706
Yxy	59.0374, 0.3591, 0.3412
Android (android.graphics.Color)	4293771445 (0xFFEDC0B5)
YUV	204.2010, -11.4381, 28.7647
Hunter-Lab	76.8358, 9.8573, 13.7715

Details

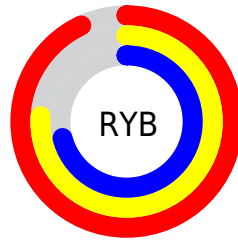
The YIQ color $204.2010, 30.3510, 6.1190$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $213.7990, -30.3510, -6.1190$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.8390, 7.7030, -1.9370$, and $149.4180, 28.2420, 5.7940$ is the 20% darker color. If you saturate the color by 10%, you get $190.3120, 43.2800, 8.5920$, and if you desaturate by 10%, it is $218.0900, 17.4220, 3.6460$.

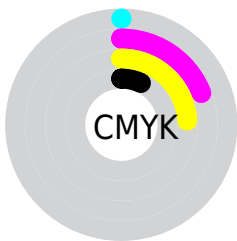
Distribution



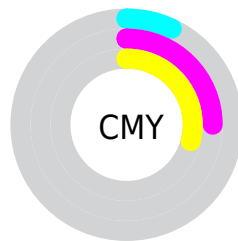
- Red (93%)
- Green (75%)
- Blue (71%)



- Red (93%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (7%)




- Cyan (7%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.2010, 30.3510, 6.1190 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 204.2010, 30.3510, 6.1190 by changing the saturation by 10% instead.


 204.2010, 30.3510,
6.1190


 204.2010, 30.3510,
6.1190


255.0000, -0.0000,
-0.0000


 176.6030, 29.1590,
5.6950


 248.8390, 7.7030,
-1.9370

 149.4180, 28.2420,
5.7940

 123.8200, 27.0500,
5.3700

 98.3360, 25.5370,
5.2570

 74.7380, 24.3450,
4.8330

 51.3680, 22.5110,
5.0310

 29.3570, 21.0440,

4.0840

■ 9.2690, 18.4760,
6.5720

■ 0.0000, 0.0000,
0.0000

■ 204.2010, 30.3510,
6.1190

■ 204.2010, 30.3510,
6.1190

■ 190.3120, 43.2800,
8.5920

■ 218.0900, 17.4220,
3.6460

■ 176.5370, 55.8880,
11.3760

■ 231.8650, 4.8140,
0.8620

■ 162.6480, 68.8170,
13.8490

■ 245.7540, -8.1150,
-1.6110

■ 148.7590, 81.7460,
16.3220

■ 249.6180,
-10.7280, -3.8160

■ 134.9840, 94.3540,
19.1060

■ 121.0950,
107.2830, 21.5790

■ 107.2060,
120.2120, 24.0520

■ 97.8650, 128.6020,
26.1860

Harmonies

Analogous

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



205.1500, 26.3610, 12.3530



204.2010, 30.3510, 6.1190



202.8920, 26.5470, -2.0370

Triad

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



204.2010, 30.3510, 6.1190



196.8310, -16.1820, -15.1100



201.9890, -18.6620, 7.8180

Complementary

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



204.2010, 30.3510, 6.1190



213.7990, -30.3510, -6.1190

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.



198.7160, -31.3150, 0.3410



204.2010, 30.3510, 6.1190



195.5830, -29.9830, -12.7910

Square

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



204.2010, 30.3510, 6.1190



199.1550, 0.4610, -13.8670



196.2220, -36.0360, -7.7160



204.5460, -1.0570, 13.6550

Rectangle

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



204.2010, 30.3510, 6.1190



202.0220, 20.1290, -6.8710



196.2220, -36.0360, -7.7160



201.0700, -23.3840, 5.2880

Sweetspot

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



204.2010, 30.3510, 6.1190



244.7300, 9.6280, 1.7240



202.9880, 18.6100, 26.1780



121.4630, 6.0060, 1.2860



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.



204.2010, 30.3510, 6.1190



213.4470, 38.4660, 7.7300



220.0500, 22.9260, -8.0020



110.4630, 6.0060, 1.2860



74.6640, 98.2510, 20.0670



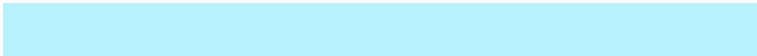
22.0160, 29.4340, 6.2180

Inverse Universe

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



213.7990, -30.3510, -6.1190



225.5530, -38.4660, -7.7300



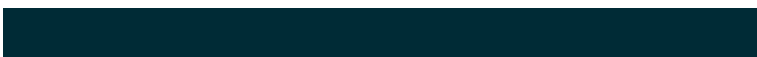
197.9500, -22.9260, 8.0020



112.5370, -6.0060, -1.2860



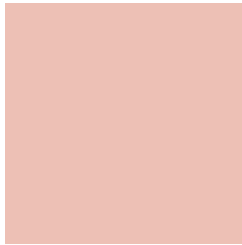
106.3360, -98.2510, -20.0670



31.3970, -29.1590, -5.6950

Previews

White Background



This preview shows how the YIQ color 204.2010, 30.3510, 6.1190 looks on a white background.

Color Contrast Check

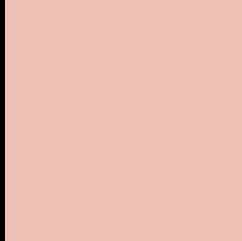
Large Text (above 18pt) WCAG AA × Fail

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 204.2010, 30.3510, 6.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

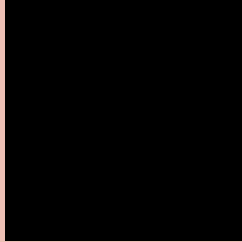
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.2010, 30.3510, 6.1190

Background



This preview shows how black text looks on a background with the YIQ color 204.2010, 30.3510, 6.1190.



This preview shows how white text looks on a background with the YIQ color 204.2010, 30.3510,

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

204.2010, 30.3510, 6.1190

Protanopia

202.5680, 9.9040, -3.2800

Deuteranopia

203.7550, 25.6750, 2.7550



Tritanopia

205.8450, 25.9020, 15.1660

Trichromacy



Original Color

204.2010, 30.3510, 6.1190

Protanomaly

202.9820, 17.6060, 0.3100

Deuteranomaly

204.0650, 27.7380, 3.9140

Tritanomaly

205.2210, 27.5990, 11.9430

Monochromacy



Original Color

204.2010, 30.3510, 6.1190

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.3280, 10.8200, 2.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.2010, 30.3510, 6.1190 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(237, 192, 181)` looks like.

```
.text, #text, p{  
    color:rgb(237, 192, 181)  
}
```

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(237, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 192, 181) }
```

Border

The CSS property to change the border of an element to YIQ 204.2010, 30.3510, 6.1190 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(237, 192, 181) }
```


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

```
.border{ border-color:rgb(237, 192, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 192, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(237, 192,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 204.2010, 30.3510, 6.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 192, 181) }
```

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

```
.background{ background-color: rgb(237,  
192, 181) }
```

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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