

Converting Colors

YIQ(204.9620, 28.3850,
-24.3430)

Have a look what the booklet for
YIQ(204.9620, 28.3850, -24.3430)
contains.

YIQ(204.9620, 28.3850, -24.3430)	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(204.9620, 28.3850,
-24.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D584
RGB	217, 213, 132
RGB Percent	85%, 84%, 52%
CMY	0.1491, 0.1647, 0.4822
CMYK	0.00, 0.02, 0.39, 0.15
HSL	57°, 53%, 68%
HSV	57°, 39%, 85%
XYZ	56.5739, 64.0048, 31.2183
YIQ	204.9620, 28.3850, -24.3430

Conversions

Conversions Part 2

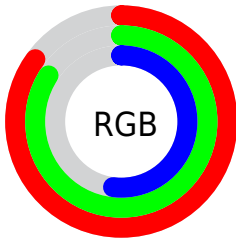
Format	Color
R_{YB}	136, 217, 132
Decimal	14275972
CIE _{Lab}	83.97, -10.30, 40.48
CIE _{LCh}	84, 41.770, 104.282
Yxy	64.0048, 0.3727, 0.4216
Android (android.graphics.Color)	4292466052 (0xFFD9D584)
YUV	204.9620, -35.9703, 10.5573
Hunter-Lab	80.0030, -13.7796, 32.8664

Details

The YIQ color $204.9620, 28.3850, -24.3430$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $144.0380, -28.3850, 24.3430$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.1340, 22.1490, -21.4590$, and $150.7060, 26.2300, -23.8340$ is the 20% darker color. If you saturate the color by 10%, you get $201.8670, 35.7220, -30.6620$, and if you desaturate by 10%, it is $208.0570, 21.0480, -18.0240$.

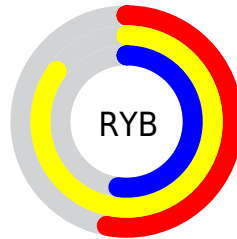
Distribution



Red (85%)

Green (84%)

Blue (52%)



Red (53%)

Yellow (85%)

Blue (52%)

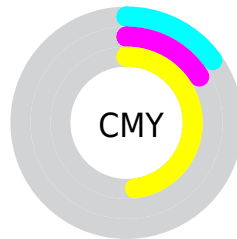


Cyan (0%)

Magenta (2%)

Yellow (39%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.9620, 28.3850, -24.3430 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 204.9620, 28.3850, -24.3430 by changing the saturation by 10% instead.

■ 204.9620, 28.3850,
-24.3430

■ 204.9620, 28.3850,
-24.3430

255.0000, -0.0000,
-0.0000

■ 177.1900, 27.7430,
-23.7210

■ 247.1340, 22.1490,
-21.4590

■ 150.7060, 26.2300,
-23.8340

■ 250.3260, 13.1610,
-12.7510

■ 123.9340, 25.5880,
-23.2120

■ 253.6320, 3.8520,
-3.7320

■ 98.4500, 24.0750,
-23.3250

■ 73.2820, 24.4880,
-25.3040

■ 52.2630, 17.4720,
-19.2960

■ 32.7600, 8.9430,

-13.4010

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 204.9620, 28.3850,
-24.3430

■ 204.9620, 28.3850,
-24.3430

■ 201.8670, 35.7220,
-30.6620

■ 208.0570, 21.0480,
-18.0240

■ 198.8860, 42.7380,
-36.6700

■ 211.0380, 14.0320,
-12.0160

■ 195.7910, 50.0750,
-42.9890

■ 214.1330, 6.6950,
-5.6970

■ 192.6960, 57.4120,
-49.3080

■ 217.2280, -0.6420,
0.6220

■ 189.7150, 64.4280,
-55.3160

■ 220.3230, -7.9790,
6.9410

■ 186.6200, 71.7650,
-61.6350

■ 222.5060,
-12.7480, 10.7720

■ 186.3920, 72.4070,
-62.2570

■ 223.0930,
-13.0230, 10.2490

■ 223.6800,
-13.2980, 9.7260

■ 224.2670,
-13.5730, 9.2030

Harmonies

Analogous

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



208.6220, 53.3700, -9.0780



204.9620, 28.3850, -24.3430



199.9560, -7.0090, -32.6810

Triad

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



204.9620, 28.3850, -24.3430



181.1560, -106.7320, -26.0600



209.5270, 27.4580, 31.0260

Complementary

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



204.9620, 28.3850, -24.3430



144.0380, -28.3850, 24.3430

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.



212.9360, 7.1930, 29.3450



204.9620, 28.3850, -24.3430



193.2040, -71.1560, -10.0040

Square

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



204.9620, 28.3850, -24.3430



183.6010, -92.2880, -34.5280



205.5950, -29.1160, 10.0520



203.2060, 41.1230, 20.1550

Rectangle

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



204.9620, 28.3850, -24.3430



195.8310, -34.5180, -35.2380



205.5950, -29.1160, 10.0520



212.0690, 23.0560, 33.7120

Sweetspot

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



204.9620, 28.3850, -24.3430



250.8790, 10.2260, -9.1180



157.8710, 49.3760, 19.2640



125.3610, 6.0530, -5.0750



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.



204.9620, 28.3850, -24.3430



237.7980, 40.1700, -34.1820



195.9480, 4.6370, -34.4910



108.1590, 3.8060, -2.8980



148.5820, 57.7330, -49.6190



39.5820, 15.3160, -13.2600

Inverse Universe

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



144.0380, -28.3850, 24.3430



152.2020, -40.1700, 34.1820



153.0520, -4.6370, 34.4910



100.2540, -3.5310, 3.4210



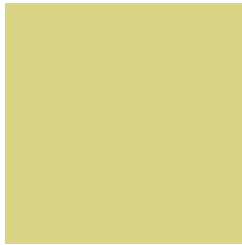
24.4180, -57.7330, 49.6190



6.4180, -15.3160, 13.2600

Previews

White Background



This preview shows how the YIQ color 204.9620, 28.3850, -24.3430 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 204.9620, 28.3850, -24.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

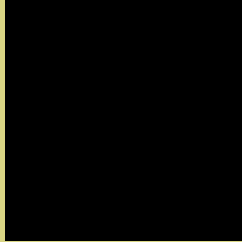
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.9620, 28.3850, -24.3430

Background



This preview shows how black text looks on a background with the YIQ color 204.9620, 28.3850, -24.3430.



This preview shows how white text looks on a background with the YIQ color 204.9620, 28.3850,

-24.3430.

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

204.9620, 28.3850, -24.3430

Protanopia

205.7890, 36.3620, -20.2300

Deuteranopia

208.1380, 51.8570, -9.1910



Tritanopia

211.8860, 9.4890, 9.7530

Trichromacy



Original Color

204.9620, 28.3850, -24.3430

Protanomaly

205.1800, 33.7030, -21.6010

Deuteranomaly

207.0720, 43.0550, -14.8730

Tritanomaly

209.5040, 15.9560, -2.8280

Monochromacy



Original Color

204.9620, 28.3850, -24.3430

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8790, 10.2260, -9.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.9620, 28.3850, -24.3430 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(217, 213, 132)` looks like.

```
.text, #text, p{  
    color:rgb(217, 213, 132)  
}
```

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(217, 213, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 213, 132) }
```

Border

The CSS property to change the border of an element to YIQ 204.9620, 28.3850, -24.3430 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(217, 213, 132) }
```


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

```
.border{ border-color:rgb(217, 213, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 213, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 213, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 213, 132);  
box-shadow:4px 4px 4px 4px rgb(217, 213,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 204.9620, 28.3850, -24.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 213, 132) }
```

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

```
.background{ background-color: rgb(217,  
213, 132) }
```

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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