

Converting Colors

YIQ(201.1780, 28.0170,
-17.6710)

Have a look what the booklet for
YIQ(201.1780, 28.0170, -17.6710)
contains.

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Color

**YIQ(201.1780, 28.0170,
-17.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CD8C
RGB	217, 205, 140
RGB Percent	85%, 80%, 55%
CMY	0.1490, 0.1961, 0.4508
CMYK	0.00, 0.06, 0.35, 0.15
HSL	51°, 50%, 70%
HSV	51°, 35%, 85%
XYZ	55.1811, 60.3061, 33.5587
YIQ	201.1780, 28.0170, -17.6710

Conversions

Conversions Part 2

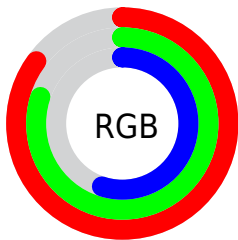
Format	Color
RYB	154, 217, 140
Decimal	14273932
CIELab	82.00, -5.32, 33.88
CIELCh	82, 34.291, 98.923
Yxy	60.3061, 0.3702, 0.4046
Android (android.graphics.Color)	4292464012 (0xFFD9CD8C)
YUV	201.1780, -30.1608, 13.8759
Hunter-Lab	77.6570, -9.0621, 28.7383

Details

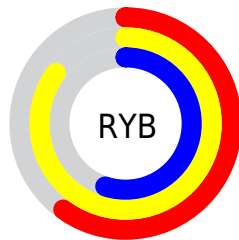
The YIQ color $201.1780, 28.0170, -17.6710$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $155.8220, -28.0170, 17.6710$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.0460, 19.5810, -18.9710$, and $146.9220, 25.8620, -17.1620$ is the 20% darker color. If you saturate the color by 10%, you get $196.9090, 35.9040, -22.9440$, and if you desaturate by 10%, it is $205.4470, 20.1300, -12.3980$.

Distribution



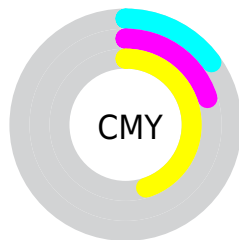
- Red (85%)
- Green (80%)
- Blue (55%)



- Red (60%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (6%)
- Yellow (35%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.1780, 28.0170, -17.6710 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 201.1780, 28.0170, -17.6710 by changing the saturation by 10% instead.

■ 201.1780, 28.0170,
-17.6710

■ 201.1780, 28.0170,
-17.6710

255.0000, -0.0000,
-0.0000

■ 173.9930, 27.1000,
-17.5720

■ 248.0460, 19.5810,
-18.9710

■ 146.9220, 25.8620,
-17.1620

■ 251.2380, 10.5930,
-10.2630

■ 120.8510, 24.6240,
-16.7520

■ 254.5440, 1.2840,
-1.2440

■ 95.6660, 23.7070,
-16.6530

■ 71.0680, 22.5150,
-17.0770

■ 49.0400, 19.7180,
-15.9460

■ 29.5370, 11.1890,

-10.0510

■ 6.4570, -3.0250,
-5.7530

■ 0.0000, 0.0000,
0.0000

■ 201.1780, 28.0170,
-17.6710

■ 201.1780, 28.0170,
-17.6710

■ 196.9090, 35.9040,
-22.9440

■ 205.4470, 20.1300,
-12.3980

■ 192.1670, 43.7450,
-27.3830

■ 210.1890, 12.2890,
-7.9590

■ 187.8980, 51.6320,
-32.6560

■ 214.4580, 4.4020,
-2.6860

■ 183.0420, 59.7940,
-37.4060

■ 219.3140, -3.7600,
2.0640

■ 178.8870, 67.3600,
-42.3680

■ 223.5830,
-11.6470, 7.3370

■ 174.6180, 75.2470,
-47.6410

■ 226.0280,
-14.3980, 7.6340

■ 172.3040, 79.0070,
-49.7050

■ 228.3760,
-15.4980, 5.5420

■ 230.1370,
-16.3230, 3.9730

■ 231.8980,
-17.1480, 2.4040

Harmonies

Analogous

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



203.9620, 46.7210, -4.2150



201.1780, 28.0170, -17.6710



197.4780, 0.5090, -25.7550

Triad

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



201.1780, 28.0170, -17.6710



187.0410, -78.3070, -18.0750



209.0600, 27.2750, 28.8350

Complementary

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



201.1780, 28.0170, -17.6710



155.8220, -28.0170, 17.6710

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.



207.7390, -2.6180, 25.4300



201.1780, 28.0170, -17.6710



193.5580, -63.2250, -5.0570

Square

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



201.1780, 28.0170, -17.6710



187.7850, -63.2670, -26.3310



201.4420, -33.0590, 9.9250



204.1350, 39.8850, 20.5650

Rectangle

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



201.1780, 28.0170, -17.6710



193.9900, -21.5440, -28.0720



201.4420, -33.0590, 9.9250



209.2700, 17.8760, 28.4680

Sweetspot

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



201.1780, 28.0170, -17.6710



249.4600, 10.0880, -6.6160



164.5050, 41.7190, 20.3670



124.3010, 6.2820, -3.7180



0.0000, 0.0000, 0.0000



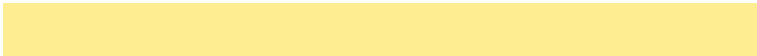
128.0000, -0.0000, -0.0000

Same Dimension

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



201.1780, 28.0170, -17.6710



232.4810, 39.9850, -25.3190



200.4480, 9.2210, -29.4590



107.5720, 4.0810, -2.3750



137.4290, 62.9580, -39.6820



36.6470, 16.6910, -10.6450

Inverse Universe

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



155.8220, -28.0170, 17.6710



167.5190, -39.9850, 25.3190



156.5520, -9.2210, 29.4590



100.8410, -3.8060, 2.8980



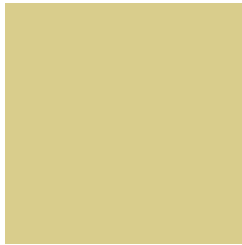
35.5710, -62.9580, 39.6820



9.3530, -16.6910, 10.6450

Previews

White Background



This preview shows how the YIQ color 201.1780, 28.0170, -17.6710 looks on a white background.

Color Contrast Check

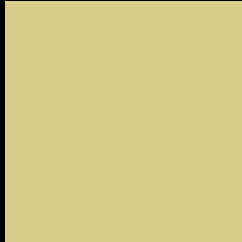
Large Text (above 18pt) WCAG AA × Fail

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 201.1780, 28.0170, -17.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

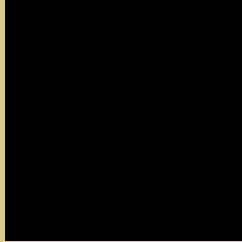
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

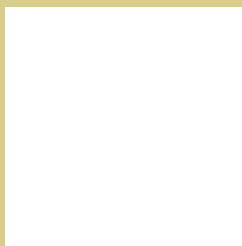
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.1780, 28.0170, -17.6710

Background



This preview shows how black text looks on a background with the YIQ color 201.1780, 28.0170, -17.6710.



This preview shows how white text looks on a background with the YIQ color 201.1780, 28.0170, -17.6710.

-17.6710.

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

201.1780, 28.0170, -17.6710

Protanopia

201.7870, 30.6760, -16.3000

Deuteranopia

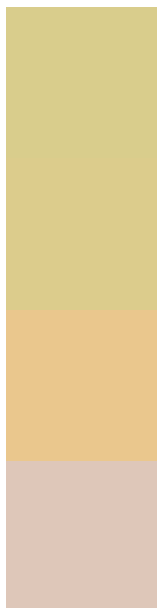
203.3100, 45.6210, -6.3070



Tritanopia

206.3810, 12.4690, 10.8130

Trichromacy



Original Color

201.1780, 28.0170, -17.6710

Protanomaly

201.4880, 30.0800, -16.5120

Deuteranomaly

202.8530, 39.4780, -10.6180

Tritanomaly

204.2810, 18.2020, 0.5220

Monochromacy



Original Color

201.1780, 28.0170, -17.6710

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.8730, 10.3630, -6.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.1780, 28.0170, -17.6710 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, 205, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 140)  
}
```

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, 205, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 140) }
```

Border

The CSS property to change the border of an element to YIQ 201.1780, 28.0170, -17.6710 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, 205, 140) }
```


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

```
.border{ border-color:rgb(217, 205, 140) }
```

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

Here you see how a box with a 4 pixel rgb(217, 205, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 140);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 201.1780, 28.0170, -17.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 140) }
```

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

```
.background{ background-color: rgb(217,  
205, 140) }
```

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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