

Converting Colors

YIQ(203.7520, 3.3940, -6.4460)

Have a look what the booklet for
YIQ(203.7520, 3.3940, -6.4460)
contains.

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Color

**YIQ(203.7520, 3.3940,
-6.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCFBD
RGB	203, 207, 189
RGB Percent	80%, 81%, 74%
CMY	0.2039, 0.1882, 0.2588
CMYK	0.02, 0.00, 0.09, 0.19
HSL	73°, 16%, 78%
HSV	73°, 9%, 81%
XYZ	56.1264, 60.9966, 56.9634
YIQ	203.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

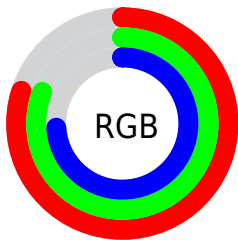
Format	Color
RYB	189, 207, 193
Decimal	13356989
CIELab	82.38, -4.56, 8.46
CIElCh	82, 9.610, 118.305
Yxy	60.9966, 0.3224, 0.3504
Android (android.graphics.Color)	4291547069 (0xFFCBCFBD)
YUV	203.7520, -7.2727, -0.6595
Hunter-Lab	78.1003, -8.3974, 11.4264

Details

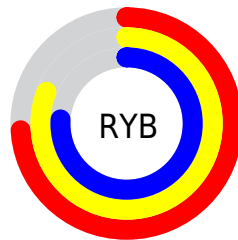
The YIQ color $203.7520, 3.3940, -6.4460$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $192.2480, -3.3940, 6.4460$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8600, 3.2100, -3.1100$, and $149.8660, 3.0730, -6.1350$ is the 20% darker color. If you saturate the color by 10%, you get $199.8630, 7.1550, -14.0370$, and if you desaturate by 10%, it is $207.6410, -0.3670, 1.1450$.

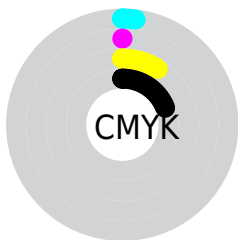
Distribution



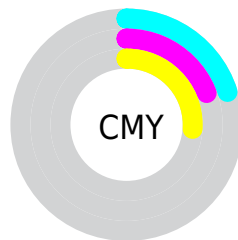
- Red (80%)
- Green (81%)
- Blue (74%)



- Red (74%)
- Yellow (81%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)




- Cyan (20%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.7520, 3.3940, -6.4460 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 203.7520, 3.3940, -6.4460 by changing the saturation by 10% instead.


 203.7520, 3.3940,
-6.4460

 203.7520, 3.3940,
-6.4460


255.0000, -0.0000,
-0.0000


 176.1650, 3.6690,
-5.9230

 253.8600, 3.2100,
-3.1100

 149.8660, 3.0730,
-6.1350

 123.8660, 3.0730,
-6.1350

 98.9800, 2.7520,
-5.8240

 75.0940, 2.4310,
-5.5130

 52.5070, 2.7060,
-4.9900

 31.2080, 2.1100,

-5.2020

■ 7.3430, -2.7040,
-6.0640

■ 0.0000, 0.0000,
0.0000

■ 203.7520, 3.3940,
-6.4460

■ 203.7520, 3.3940,
-6.4460

■ 199.8630, 7.1550,
-14.0370

■ 207.6410, -0.3670,
1.1450

■ 196.3870, 11.1910,
-21.1050

■ 211.1170, -4.4030,
8.2130

■ 192.4980, 14.9520,
-28.6960

■ 215.0060, -8.1640,
15.8040

■ 188.9080, 19.3090,
-36.0750

■ 216.6580, -7.0640,
17.8960

■ 185.1330, 22.7490,
-43.3550

■ 218.1530, -4.0840,
18.9560

■ 181.2440, 26.5100,
-50.9460

■ 219.6480, -1.1040,
20.0160

■ 177.6540, 30.8670,
-58.3250

■ 220.8440, 1.2800,
20.8640

■ 173.7650, 34.6280,
-65.9160

■ 222.3390, 4.2600,
21.9240

■ 169.9900, 38.0680,
-73.1960

■ 223.8340, 7.2400,
22.9840

Harmonies

Analogous

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



204.7530, 10.8210, -3.3790



203.7520, 3.3940, -6.4460



202.6200, -5.0420, -7.7460

Triad

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



203.7520, 3.3940, -6.4460



202.7900, -16.9640, -0.9320



206.9740, 12.0570, 7.2650

Complementary

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



203.7520, 3.3940, -6.4460



192.2480, -3.3940, 6.4460

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.



206.7930, 5.3170, 8.2690



203.7520, 3.3940, -6.4460



204.6490, -12.0130, 2.9550

Square

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



203.7520, 3.3940, -6.4460



202.2690, -17.0550, -4.7910



205.9490, -3.9900, 6.2340



206.5460, 16.1380, 4.8900

Rectangle

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



203.7520, 3.3940, -6.4460



202.0970, -10.8190, -7.6750



205.9490, -3.9900, 6.2340



206.7180, 9.9020, 7.7740

Sweetspot

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



203.7520, 3.3940, -6.4460



253.4900, 1.3760, -2.9120



196.7300, 9.6280, 1.7240



126.7180, 0.7340, -2.2900



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.



203.7520, 3.3940, -6.4460



250.3560, 4.4490, -9.0470



201.0610, -1.9700, -8.3540



102.8490, 1.7430, -4.0570



137.7850, 31.8760, -60.0920



33.6350, 7.7970, -14.6590

Inverse Universe

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



192.2480, -3.3940, 6.4460



234.3450, -5.0450, 8.8350



194.9390, 1.9700, 8.3540



95.8520, -2.3390, 3.8450



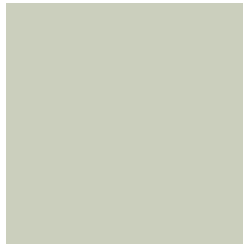
30.5140, -31.2800, 60.3040



7.3650, -7.7970, 14.6590

Previews

White Background



This preview shows how the YIQ color 203.7520, 3.3940, -6.4460 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 203.7520, 3.3940, -6.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

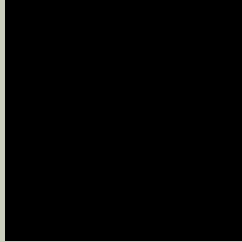
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

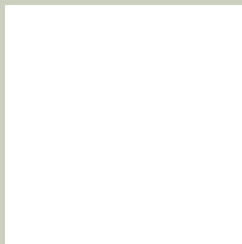
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.7520, 3.3940, -6.4460

Background



This preview shows how black text looks on a background with the YIQ color 203.7520, 3.3940, -6.4460.



This preview shows how white text looks on a background with the YIQ color 203.7520, 3.3940,

-6.4460.

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

203.7520, 3.3940, -6.4460

Protanopia

204.7530, 10.8210, -3.3790

Deuteranopia

206.7700, 21.3190, 4.6070



Tritanopia

206.0200, -2.7520, 5.8240

Trichromacy



Original Color

203.7520, 3.3940, -6.4460

Protanomaly

204.2580, 7.8410, -4.4390

Deuteranomaly

205.4270, 14.8550, 0.6070

Tritanomaly

205.0540, -0.0920, 1.6680

Monochromacy



Original Color

203.7520, 3.3940, -6.4460

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.7520, 3.3940, -6.4460 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(203, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 189)  
}
```

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(203, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 189) }
```

Border

The CSS property to change the border of an element to YIQ 203.7520, 3.3940, -6.4460 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(203, 207, 189) }
```


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

```
.border{ border-color:rgb(203, 207, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 207, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 207, 189); box-shadow:4px 4px 4px 4px rgb(203, 207, 189) }
```

Background

The CSS property to change the background color of an element to YIQ 203.7520, 3.3940, -6.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 189) }
```

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

```
.background{ background-color: rgb(203,  
207, 189) }
```

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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