

Converting Colors

YIQ(204.5720, 29.3030,
-29.9690)

Have a look what the booklet for
YIQ(204.5720, 29.3030, -29.9690)
contains.

YIQ(204.5720, 29.3030, -29.9690)	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(204.5720, 29.3030,
-29.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D879
RGB	214, 216, 121
RGB Percent	84%, 85%, 47%
CMY	0.1608, 0.1529, 0.5253
CMYK	0.01, 0.00, 0.44, 0.15
HSL	61°, 55%, 66%
HSV	61°, 44%, 85%
XYZ	55.7370, 64.7874, 27.6723
YIQ	204.5720, 29.3030, -29.9690

Conversions

Conversions Part 2

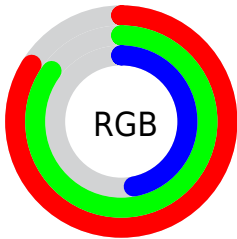
Format	Color
RYB	121, 216, 123
Decimal	14080121
CIELab	84.37, -14.14, 46.37
CIELCh	84, 48.481, 106.954
Yxy	64.7874, 0.3761, 0.4372
Android (android.graphics.Color)	4292270201 (0xFFD6D879)
YUV	204.5720, -41.2010, 8.2684
Hunter-Lab	80.4906, -17.2535, 35.9598

Details

The YIQ color $204.5720, 29.3030, -29.9690$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $132.4280, -29.3030, 29.9690$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.8800, 25.6800, -24.8800$, and $149.6150, 27.7440, -29.2480$ is the 20% darker color. If you saturate the color by 10%, you get $202.0640, 36.3650, -36.8110$, and if you desaturate by 10%, it is $207.0800, 22.2410, -23.1270$.

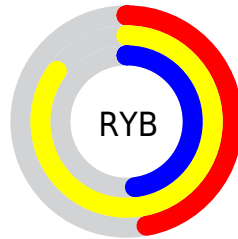
Distribution



Red (84%)

Green (85%)

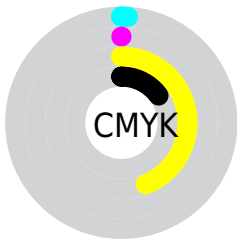
Blue (47%)



Red (47%)

Yellow (85%)

Blue (48%)

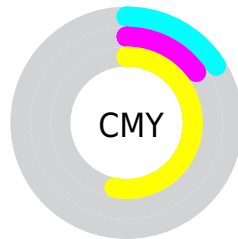


Cyan (1%)

Magenta (0%)

Yellow (44%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.5720, 29.3030, -29.9690 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 204.5720, 29.3030, -29.9690 by changing the saturation by 10% instead.

■ 204.5720, 29.3030,
-29.9690

■ 204.5720, 29.3030,
-29.9690

255.0000, -0.0000,
-0.0000

■ 176.5010, 28.0650,
-29.5590

■ 245.8800, 25.6800,
-24.8800

■ 149.7290, 27.4230,
-28.9370

■ 249.0720, 16.6920,
-16.1720

■ 123.1310, 26.2310,
-29.3610

■ 252.3780, 7.3830,
-7.1530

■ 97.4900, 26.5980,
-30.5060

■ 73.8040, 22.8380,
-28.4420

■ 52.8280, 14.2630,
-21.7130

■ 32.4390, 5.4130,

-15.5070

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 204.5720, 29.3030,
-29.9690

■ 204.5720, 29.3030,
-29.9690

■ 202.0640, 36.3650,
-36.8110

■ 207.0800, 22.2410,
-23.1270

■ 199.3710, 42.5100,
-43.5540

■ 209.7730, 16.0960,
-16.3840

■ 196.8630, 49.5720,
-50.3960

■ 212.2810, 9.0340,
-9.5420

■ 194.1700, 55.7170,
-57.1390

■ 214.9740, 2.8890,
-2.7990

■ 191.6620, 62.7790,
-63.9810

■ 217.4820, -4.1730,
4.0430

■ 189.8810, 66.3560,
-68.2360

■ 220.2890,
-10.6390, 11.0970

■ 220.7450,
-11.9230, 12.3410

■ 221.0440,
-11.3270, 12.5530

Harmonies

Analogous

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



208.0260, 57.8640, -13.4320



204.5720, 29.3030, -29.9690



198.3310, -12.7390, -38.9710

Triad

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



204.5720, 29.3030, -29.9690



164.6670, -145.3800, -41.5080



206.0050, 29.1080, 34.1640

Complementary

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



204.5720, 29.3030, -29.9690



132.4280, -29.3030, 29.9690

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.



214.1650, 13.9780, 33.0340



204.5720, 29.3030, -29.9690



188.6970, -83.0300, -15.0780

Square

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



204.5720, 29.3030, -29.9690



164.8490, -140.3810, -49.5090



205.3070, -28.2450, 10.7870



200.1740, 44.1490, 20.3810

Rectangle

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



204.5720, 29.3030, -29.9690



192.3840, -46.6210, -41.6690



205.3070, -28.2450, 10.7870



210.0630, 23.1930, 36.7370

Sweetspot

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



204.5720, 29.3030, -29.9690



250.9390, 9.9970, -10.4750



150.5790, 56.0700, 19.0940



125.3070, 6.1450, -6.7430



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.



204.5720, 29.3030, -29.9690



238.7130, 41.5470, -42.6210



190.5190, 1.2910, -39.9330



105.7460, 3.5310, -3.4210



150.3100, 52.5070, -54.0290



37.7990, 13.2070, -13.5850

Inverse Universe

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



132.4280, -29.3030, 29.9690



136.2870, -41.5470, 42.6210



146.4810, -1.2910, 39.9330



97.5530, -2.9350, 3.6330



20.6900, -52.5070, 54.0290



5.2010, -13.2070, 13.5850

Previews

White Background



This preview shows how the YIQ color 204.5720, 29.3030, -29.9690 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 204.5720, 29.3030, -29.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

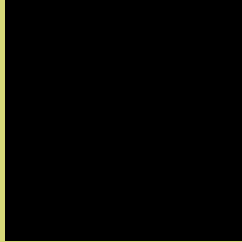
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.5720, 29.3030, -29.9690

Background



This preview shows how black text looks on a background with the YIQ color 204.5720, 29.3030, -29.9690.



This preview shows how white text looks on a background with the YIQ color 204.5720, 29.3030, -29.9690.

-29.9690.

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

204.5720, 29.3030, -29.9690

Protanopia

205.9050, 41.7270, -23.8490

Deuteranopia

208.5960, 56.2590, -11.8770



Tritanopia

212.2170, 7.0590, 9.7390

Trichromacy



Original Color

204.5720, 29.3030, -29.9690

Protanomaly

205.3990, 37.2800, -25.8560

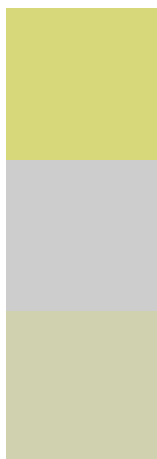
Deuteranomaly

206.8180, 46.5860, -18.2940

Tritanomaly

209.2650, 15.1310, -4.3970

Monochromacy



Original Color

204.5720, 29.3030, -29.9690

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.7110, 10.6390, -11.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.5720, 29.3030, -29.9690 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(214, 216, 121)` looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 121)  
}
```

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(214, 216, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 121) }
```

Border

The CSS property to change the border of an element to YIQ 204.5720, 29.3030, -29.9690 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(214, 216, 121) }
```


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

```
.border{ border-color:rgb(214, 216, 121) }
```

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

Here you see how a box with a 4 pixel rgb(214, 216, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 121);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 204.5720, 29.3030, -29.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 121) }
```

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

```
.background{ background-color: rgb(214,  
216, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor