

Converting Colors

YIQ(204.7520, 11.4210,
-25.2750)

Have a look what the booklet for
YIQ(204.7520, 11.4210, -25.2750)
contains.

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Color

**YIQ(204.7520, 11.4210,
-25.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DA95
RGB	200, 218, 149
RGB Percent	78%, 85%, 58%
CMY	0.2158, 0.1450, 0.4156
CMYK	0.08, 0.00, 0.32, 0.15
HSL	76°, 48%, 72%
HSV	76°, 32%, 85%
XYZ	54.3137, 64.5937, 38.0495
YIQ	204.7520, 11.4210, -25.2750

Conversions

Conversions Part 2

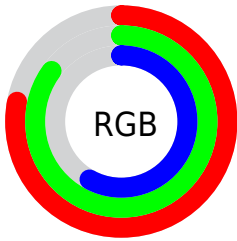
Format	Color
RYB	149, 218, 167
Decimal	13163157
CIELab	84.27, -17.30, 32.01
CIElCh	84, 36.389, 118.385
Yxy	64.5937, 0.3460, 0.4115
Android (android.graphics.Color)	4291353237 (0xFFC8DA95)
YUV	204.7520, -27.4857, -4.1675
Hunter-Lab	80.3702, -20.0186, 28.1896

Details

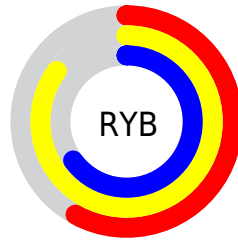
The YIQ color $204.7520, 11.4210, -25.2750$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $162.2480, -11.4210, 25.2750$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1860, 16.3710, -15.8610$, and $150.0940, 10.4580, -24.3420$ is the 20% darker color. If you saturate the color by 10%, you get $200.4500, 14.9070, -33.3890$, and if you desaturate by 10%, it is $209.0540, 7.9350, -17.1610$.

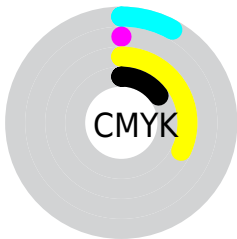
Distribution



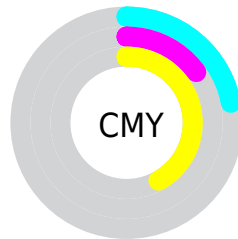
- Red (78%)
- Green (85%)
- Blue (58%)



- Red (58%)
- Yellow (85%)
- Blue (65%)



- Cyan (8%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)





- Cyan (22%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.7520, 11.4210, -25.2750 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 204.7520, 11.4210, -25.2750 by changing the saturation by 10% instead.

 204.7520, 11.4210,
-25.2750


 204.7520, 11.4210,
-25.2750


255.0000, -0.0000,
-0.0000

 176.9800, 10.7790,
-24.6530

 249.1860, 16.3710,
-15.8610


 150.0940, 10.4580,
-24.3420

 252.3780, 7.3830,
-7.1530

 124.3220, 9.8160,
-23.7200

 98.5500, 9.1740,
-23.0980

 74.6640, 8.8530,
-22.7870

 51.1370, 8.8990,
-23.6210

 30.9440, 2.4330,

-16.5670

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 204.7520, 11.4210,
-25.2750

■ 204.7520, 11.4210,
-25.2750

■ 200.4500, 14.9070,
-33.3890

■ 209.0540, 7.9350,
-17.1610

■ 196.4470, 18.9890,
-41.2910

■ 213.0570, 3.8530,
-9.2590

■ 192.2590, 22.1540,
-49.0940

■ 217.2450, 0.6880,
-1.4560

■ 187.9570, 25.6400,
-57.2080

■ 221.5470, -2.7980,
6.6580

■ 183.6550, 29.1260,
-65.3220

■ 225.2080, -5.9170,
13.6270

■ 179.6520, 33.2080,
-73.2240

■ 227.0020, -2.3410,
14.8990

■ 176.1050, 36.0060,
-79.8820

■ 228.7960, 1.2350,
16.1710

■ 230.5900, 4.8110,
17.4430

■ 232.0850, 7.7910,
18.5030

Harmonies

Analogous

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



208.2610, 38.1490, -14.0670



204.7520, 11.4210, -25.2750



199.6370, -22.0480, -29.9520

Triad

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



204.7520, 11.4210, -25.2750



194.0570, -75.2360, -13.1560



209.1220, 32.7320, 23.5480

Complementary

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



204.7520, 11.4210, -25.2750



162.2480, -11.4210, 25.2750

Split Complementary

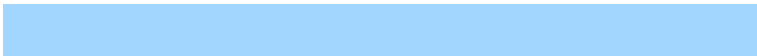
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.6230, 18.3800, 30.3480



204.7520, 11.4210, -25.2750



203.1260, -44.1530, 1.7270

Square

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



204.7520, 11.4210, -25.2750



190.4270, -82.5700, -23.4180



211.0320, -11.0530, 18.6030



206.4200, 43.0960, 11.9280

Rectangle

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



204.7520, 11.4210, -25.2750



195.8330, -46.0270, -30.4030



211.0320, -11.0530, 18.6030



211.0770, 28.6050, 26.7570

Sweetspot

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



204.7520, 11.4210, -25.2750



250.5840, 3.8070, -8.4250



179.6100, 36.4490, 5.7370



125.0940, 2.4310, -5.5130



0.0000, 0.0000, 0.0000



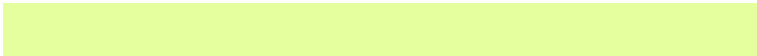
128.0000, -0.0000, -0.0000

Same Dimension

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



204.7520, 11.4210, -25.2750



236.4670, 16.2370, -35.4670



194.5860, -8.8430, -32.4830



107.8490, 1.7430, -4.0570



139.8230, 28.7130, -63.3430



37.1680, 7.6140, -16.8500

Inverse Universe

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



162.2480, -11.4210, 25.2750



176.5330, -16.2370, 35.4670



172.4140, 8.8430, 32.4830



101.1510, -1.7430, 4.0570



33.1770, -28.7130, 63.3430



8.8320, -7.6140, 16.8500

Previews

White Background



This preview shows how the YIQ color 204.7520, 11.4210, -25.2750 looks on a white background.

Color Contrast Check

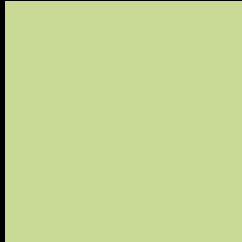
Large Text (above 18pt) WCAG AA × Fail

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 204.7520, 11.4210, -25.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

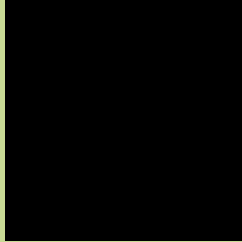
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

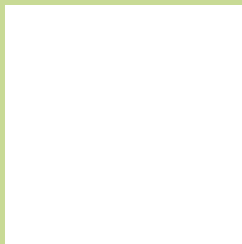
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.7520, 11.4210, -25.2750

Background



This preview shows how black text looks on a background with the YIQ color 204.7520, 11.4210, -25.2750.



This preview shows how white text looks on a background with the YIQ color 204.7520, 11.4210, -25.2750.

-25.2750.

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

204.7520, 11.4210, -25.2750

Protanopia

207.7870, 30.6760, -16.3000

Deuteranopia

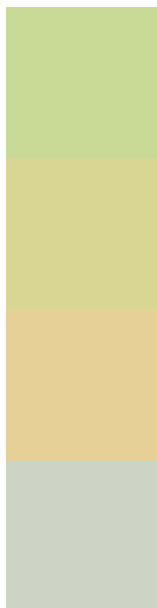
209.8800, 44.0160, -4.7520



Tritanopia

210.5360, -4.2650, 5.7110

Trichromacy



Original Color

204.7520, 11.4210, -25.2750

Protanomaly

206.6720, 23.5700, -19.6780

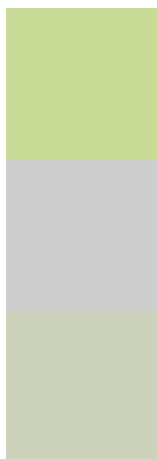
Deuteranomaly

207.9060, 31.9590, -12.0170

Tritanomaly

208.4960, 1.2390, -5.9370

Monochromacy



Original Color

204.7520, 11.4210, -25.2750

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.0570, 3.8530, -9.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7520, 11.4210, -25.2750 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(200, 218, 149)` looks like.

```
.text, #text, p{  
    color:rgb(200, 218, 149)  
}
```

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(200, 218, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 218, 149) }
```

Border

The CSS property to change the border of an element to YIQ 204.7520, 11.4210, -25.2750 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(200, 218, 149) }
```


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

```
.border{ border-color:rgb(200, 218, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 218, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 218, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 218, 149);  
box-shadow:4px 4px 4px 4px rgb(200, 218,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7520, 11.4210, -25.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 218, 149) }
```

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

```
.background{ background-color: rgb(200,  
218, 149) }
```

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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