

Converting Colors

YIQ(208.8350, 47.9160,
-20.3720)

Have a look what the booklet for
YIQ(208.8350, 47.9160, -20.3720)
contains.

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Color

**YIQ(208.8350, 47.9160,
-20.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D179
RGB	242, 209, 121
RGB Percent	95%, 82%, 47%
CMY	0.0510, 0.1804, 0.5252
CMYK	0.00, 0.14, 0.50, 0.05
HSL	44°, 82%, 71%
HSV	44°, 50%, 95%
XYZ	62.8723, 65.8544, 27.5078
YIQ	208.8350, 47.9160, -20.3720

Conversions

Conversions Part 2

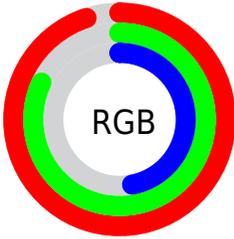
Format	Color
RYB	166, 242, 121
Decimal	15913337
CIELab	84.92, 0.65, 47.57
CIElCh	85, 47.575, 89.221
Yxy	65.8544, 0.4024, 0.4215
Android (android.graphics.Color)	4294103417 (0xFFFF2D179)
YUV	208.8350, -43.3027, 29.0857
Hunter-Lab	81.1507, -3.7193, 36.7079

Details

The YIQ color $208.8350, 47.9160, -20.3720$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $154.1650, -47.9160, 20.3720$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.8800, 25.6800, -24.8800$, and $153.9810, 44.5690, -20.2870$ is the 20% darker color. If you saturate the color by 10%, you get $201.9900, 57.5450, -24.1750$, and if you desaturate by 10%, it is $215.6800, 38.2870, -16.5690$.

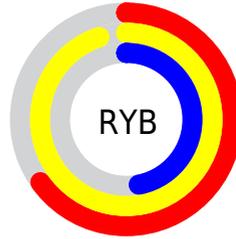
Distribution



Red (95%)

Green (82%)

Blue (47%)



Red (65%)

Yellow (95%)

Blue (47%)

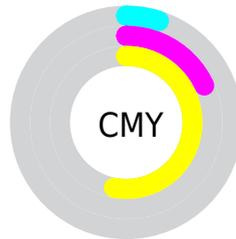


Cyan (0%)

Magenta (14%)

Yellow (50%)

Black (5%)



Cyan (5%)

Magenta (18%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.8350, 47.9160, -20.3720 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 208.8350, 47.9160, -20.3720 by changing the saturation by 10% instead.

 208.8350, 47.9160,
-20.3720

 208.8350, 47.9160,
-20.3720

255.0000, -0.0000,
-0.0000

 181.3510, 46.4030,
-20.4850

 245.8800, 25.6800,
-24.8800

 153.9810, 44.5690,
-20.2870

 249.0720, 16.6920,
-16.1720

 127.0840, 42.7810,
-20.9230

 252.2640, 7.7040,
-7.4640

 100.9590, 41.6350,
-22.1810

 76.8600, 37.6000,
-20.6400

 55.5850, 28.4290,
-14.1230

 35.4840, 18.7080,

-8.6520

■ 16.5680, 9.9040,
-3.2800

■ 0.0000, 0.0000,
0.0000

■ 208.8350, 47.9160,
-20.3720

■ 208.8350, 47.9160,
-20.3720

■ 201.9900, 57.5450,
-24.1750

■ 215.6800, 38.2870,
-16.5690

■ 195.7320, 66.8990,
-28.5010

■ 221.9380, 28.9330,
-12.2430

■ 188.7730, 76.8490,
-32.6150

■ 228.8970, 18.9830,
-8.1290

■ 182.5150, 86.2030,
-36.9410

■ 235.1550, 9.6290,
-3.8030

■ 175.6700, 95.8320,
-40.7440

■ 242.0000, -0.0000,
0.0000

■ 247.5910, -6.0980,
0.3820

■ 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



205.0400, 55.2490, -4.5830



208.8350, 47.9160, -20.3720



203.9660, 13.3940, -33.5020

Triad

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



208.8350, 47.9160, -20.3720



166.9010, -146.1590, -43.9110



213.9100, 19.2500, 36.6100

Complementary

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



208.8350, 47.9160, -20.3720



154.1650, -47.9160, 20.3720

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.



211.3420, -8.9900, 19.7620



208.8350, 47.9160, -20.3720



175.4530, -120.9900, -31.9820

Square

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



208.8350, 47.9160, -20.3720



184.1850, -88.4810, -42.9530



198.9070, -56.8980, -4.0820



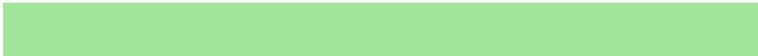
204.6540, 34.2900, 28.3540

Rectangle

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



208.8350, 47.9160, -20.3720



199.8900, -15.8110, -38.3630



198.9070, -56.8980, -4.0820



215.9480, 16.0870, 33.3590

Sweetspot

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



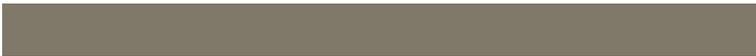
208.8350, 47.9160, -20.3720



244.7980, 14.9480, -6.5880



161.0550, 61.2020, 36.2260



121.2690, 9.3080, -3.4920



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.



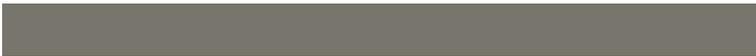
208.8350, 47.9160, -20.3720



212.9040, 60.6630, -25.6170



220.4320, 23.3450, -43.1430



116.8710, 4.6770, -2.1630



133.0870, 73.0890, -30.5510



40.8110, 22.1010, -9.5710

Inverse Universe

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



154.1650, -47.9160, 20.3720



144.0960, -60.6630, 25.6170



142.5680, -23.3450, 43.1430



111.1290, -4.6770, 2.1630



50.3260, -72.8140, 31.0740



15.1890, -22.1010, 9.5710

Previews

White Background



This preview shows how the YIQ color 208.8350, 47.9160, -20.3720 looks on a white background.

Color Contrast Check

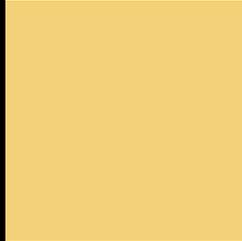
Large Text (above 18pt) WCAG AA × Fail

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 208.8350, 47.9160, -20.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

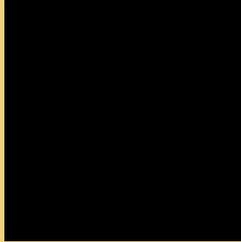
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.8350, 47.9160, -20.3720

Background



This preview shows how black text looks on a background with the YIQ color 208.8350, 47.9160, -20.3720.



This preview shows how white text looks on a background with the YIQ color 208.8350, 47.9160,

-20.3720.

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

208.8350, 47.9160, -20.3720

Protanopia

208.0190, 41.4060, -23.5380

Deuteranopia

210.4540, 53.7830, -11.0570



Tritanopia

215.5570, 26.7730, 15.9010

Trichromacy



Original Color

208.8350, 47.9160, -20.3720

Protanomaly

208.3290, 43.4690, -22.3790

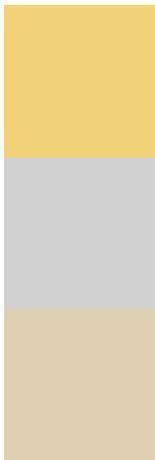
Deuteranomaly

209.6770, 51.5370, -14.4070

Tritanomaly

213.2460, 34.4780, 2.9100

Monochromacy



Original Color

208.8350, 47.9160, -20.3720

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.9400, 17.4240, -7.4080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.8350, 47.9160, -20.3720 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(242, 209, 121)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 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(242, 209, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 121) }
```

Border

The CSS property to change the border of an element to YIQ 208.8350, 47.9160, -20.3720 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(242, 209, 121) }
```

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

```
.border{ border-color:rgb(242, 209, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 209, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 121);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 208.8350, 47.9160, -20.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 121) }
```

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

```
.background{ background-color: rgb(242,  
209, 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](#).

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