

Converting Colors

YIQ(225.2490, 45.3090,
-55.7390)

Have a look what the booklet for
YIQ(225.2490, 45.3090, -55.7390)
contains.

YIQ(225.2490, 45.3090, -55.7390)	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(225.2490, 45.3090,
-55.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFA95
RGB	234, 249, 80
RGB Percent	92%, 98%, 31%
CMY	0.0825, 0.0235, 0.6859
CMYK	0.06, 0.00, 0.68, 0.02
HSL	65°, 93%, 65%
HSV	65°, 68%, 98%
XYZ	69.2483, 85.8217, 20.5202
YIQ	225.2490, 45.3090, -55.7390

Conversions

Conversions Part 2

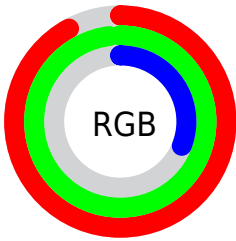
Format	Color
R_{YB}	80, 249, 95
Decimal	15399248
CIE _{Lab}	94.24, -25.24, 75.40
CIE _{LCh}	94, 79.509, 108.512
Yxy	85.8217, 0.3944, 0.4888
Android (android.graphics.Color)	4293589328 (0xFFEAF950)
YUV	225.2490, -71.6078, 7.6746
Hunter-Lab	92.6400, -28.6915, 51.7149

Details

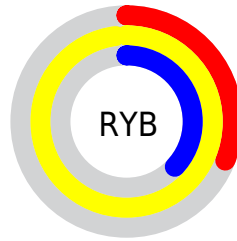
The YIQ color **225.2490, 45.3090, -55.7390** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **103.7510, -45.3090, 55.7390**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.6620, 37.5570, -36.3870**, and **165.6160, 51.2250, -63.8390** is the 20% darker color. If you saturate the color by 10%, you get **221.8010, 52.1420, -63.9380**, and if you desaturate by 10%, it is **228.6970, 38.4760, -47.5400**.

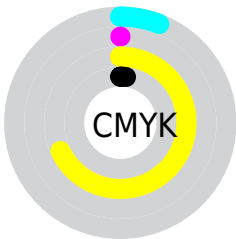
Distribution



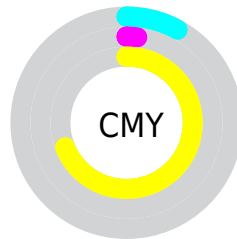
- Red (92%)
- Green (98%)
- Blue (31%)



- Red (31%)
- Yellow (98%)
- Blue (37%)



- Cyan (6%)
- Magenta (0%)
- Yellow (68%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.2490, 45.3090, -55.7390 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 225.2490, 45.3090, -55.7390 by changing the saturation by 10% instead.

225.2490, 45.3090,
-55.7390

225.2490, 45.3090,
-55.7390

255.0000, -0.0000,
-0.0000

196.1950, 45.4010,
-57.4070

241.6620, 37.5570,
-36.3870

165.6160, 51.2250,
-63.8390

244.9680, 28.2480,
-27.3680

141.0960, 41.3660,
-55.8660

248.2740, 18.9390,
-18.3490

116.5760, 31.5070,
-47.8930

251.5800, 9.6300,
-9.3300

93.8280, 22.2900,
-40.5420

70.7810, 12.4770,
-33.4030

48.9080, 2.1140,

-27.3100

■ 27.3230, -9.1200,
-21.9520

■ 13.5010, -6.3250,
-12.0290

■ 225.2490, 45.3090,
-55.7390

■ 225.2490, 45.3090,
-55.7390

■ 221.8010, 52.1420,
-63.9380

■ 228.6970, 38.4760,
-47.5400

■ 218.3530, 58.9750,
-72.1370

■ 232.1450, 31.6430,
-39.3410

■ 214.6060, 65.2120,
-80.5480

■ 235.8920, 25.4060,
-30.9300

■ 214.0360, 66.8170,
-82.1030

■ 239.3400, 18.5730,
-22.7310

■ 242.7880, 11.7400,
-14.5320

■ 246.1220, 5.2280,
-6.6440

■ 249.5700, -1.6050,
1.5550

■ 250.5810, -0.1380,
2.5020

■ 251.1790, 1.0540,
2.9260

Harmonies

Analogous

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



216.7390, 65.0210, -38.5230



225.2490, 45.3090, -55.7390



207.3760, -26.9480, -62.3080

Triad

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



225.2490, 45.3090, -55.7390



178.7550, -151.9800, -54.0600



206.2790, 22.8250, 43.4090

Complementary

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



225.2490, 45.3090, -55.7390



103.7510, -45.3090, 55.7390

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.



221.5410, 15.6750, 29.8110



225.2490, 45.3090, -55.7390



178.7550, -151.9800, -54.0600

Square

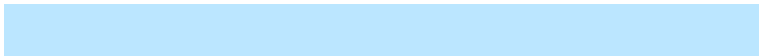
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.2490, 45.3090, -55.7390



178.7550, -151.9800, -54.0600



219.9930, -33.6530, -1.3410



198.7380, 42.6810, 24.9610

Rectangle

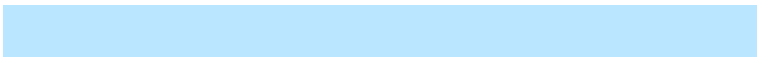
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.2490, 45.3090, -55.7390



170.0910, -127.5840, -77.6960



219.9930, -33.6530, -1.3410



210.3880, 20.9000, 39.7480

Sweetspot

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



225.2490, 45.3090, -55.7390



247.6910, 13.3910, -16.9210



138.7490, 96.8740, 28.5060



123.5690, 8.1630, -10.2770



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.



225.2490, 45.3090, -55.7390



226.0200, 55.7190, -68.1930



200.1330, -4.7550, -73.5470



123.2190, 3.5770, -4.2550



162.3710, 50.5370, -62.3830



52.5510, 16.6010, -20.0310

Inverse Universe

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



103.7510, -45.3090, 55.7390



77.2790, -55.1230, 68.4050



128.8670, 4.7550, 73.5470



114.0800, -2.9810, 4.4670



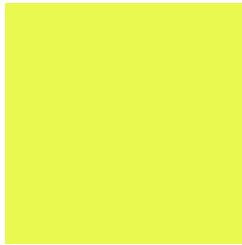
26.6290, -50.5370, 62.3830



8.4490, -16.6010, 20.0310

Previews

White Background



This preview shows how the YIQ color 225.2490, 45.3090, -55.7390 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 225.2490, 45.3090, -55.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

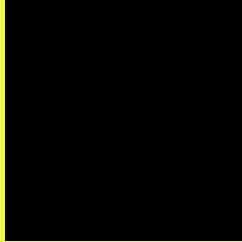
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.2490, 45.3090, -55.7390

Background



This preview shows how black text looks on a background with the YIQ color 225.2490, 45.3090, -55.7390.



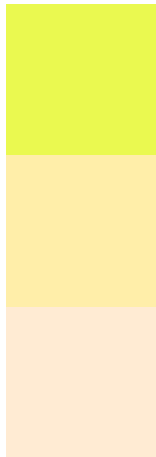
This preview shows how white text looks on a background with the YIQ color 225.2490, 45.3090,

-55.7390.

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

225.2490, 45.3090, -55.7390

Protanopia

235.2170, 32.2810, -17.8550

Deuteranopia

238.2440, 19.6240, -3.2240



Tritanopia

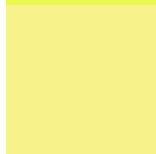
240.1350, 4.3540, 9.2020

Trichromacy



Original Color

225.2490, 45.3090, -55.7390



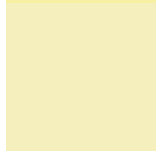
Protanomaly

231.5250, 36.6850, -31.5950



Deuteranomaly

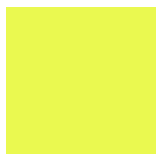
233.3150, 28.8890, -22.4630



Tritanomaly

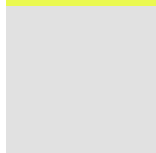
234.7950, 19.0300, -14.4900

Monochromacy



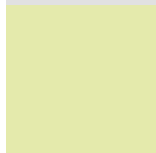
Original Color

225.2490, 45.3090, -55.7390



Achromatopsia

225.0000, -0.0000, -0.0000



Achromatomaly

225.1380, 16.3260, -20.5540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.2490, 45.3090, -55.7390 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(234, 249, 80)` looks like.

```
.text, #text, p{  
    color:rgb(234, 249, 80)  
}
```

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(234, 249, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 249, 80) }
```

Border

The CSS property to change the border of an element to YIQ 225.2490, 45.3090, -55.7390 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(234, 249, 80) }
```


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

```
.border{ border-color:rgb(234, 249, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 249, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 249, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 249, 80);  
box-shadow:4px 4px 4px 4px rgb(234, 249,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 225.2490, 45.3090, -55.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 249, 80) }
```

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

```
.background{ background-color: rgb(234,  
249, 80) }
```

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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