

Converting Colors

XYZ(35.4685, 46.7325, 26.7703)

Have a look what the booklet for
XYZ(35.4685, 46.7325, 26.7703)
contains.

XYZ(35.4937, 46.8325, 26.9075)	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

**XYZ(35.4937, 46.8325,
26.9075)**

Conversions

Conversions Part 1

Format	Color
Hex	94C37E
RGB	148, 195, 126
RGB Percent	58%, 76%, 49%
CMY	0.4196, 0.2353, 0.5059
CMYK	0.24, 0.00, 0.35, 0.24
HSL	101°, 37%, 63%
HSV	101°, 35%, 76%
XYZ	35.4937, 46.8325, 26.9075
YIQ	173.0810, -5.8630, -31.4230

Conversions

Conversions Part 2

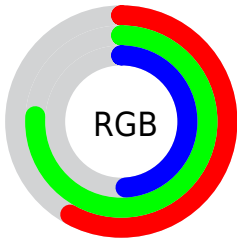
Format	Color
RYB	126, 195, 173
Decimal	9749374
CIELab	74.08, -28.23, 29.81
CIELCh	74, 41.052, 133.440
Yxy	46.8325, 0.3249, 0.4287
Android (android.graphics.Color)	4287939454 (0xFF94C37E)
YUV	173.0810, -23.2109, -21.9960
Hunter-Lab	68.4343, -27.1803, 24.5919

Details

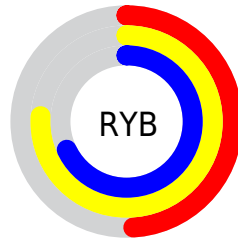
The XYZ color **35.4937, 46.8325, 26.9075** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.5469, 27.7475, 55.1674**, and the grayscale version is **39.8796, 41.9565, 45.6906**.

A 20% lighter version of the original color is **67.5757, 85.5720, 55.6033**, and **15.6533, 22.0584, 10.2702** is the 20% darker color. If you saturate the color by 10%, you get **32.0899, 45.2107, 20.8080**, and if you desaturate by 10%, it is **39.4210, 48.6987, 34.3137**.

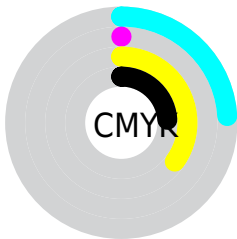
Distribution



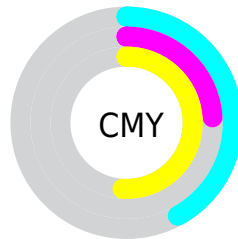
- Red (58%)
- Green (76%)
- Blue (49%)



- Red (49%)
- Yellow (76%)
- Blue (68%)



- Cyan (24%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)




- Cyan (42%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4937, 46.8325, 26.9075 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 XYZ color 35.4937, 46.8325, 26.9075 by changing the saturation by 10% instead.


 35.4937, 46.8325,
26.9075


 35.4937, 46.8325,
26.9075


318.2121,
374.1455, 300.9550


 24.2117, 32.9033,
17.2719


 67.5789, 85.4635,
55.7373

 15.6163, 22.0523,
10.2646


 89.1128, 110.9341,
75.7687

 9.3422, 13.8954,
5.4668

 114.7947,
141.0206, 100.1024

 5.0239, 8.0479,
2.4602

144.9900,
176.1074, 129.1570

 2.2962, 4.1256,
0.8190

180.0641,
216.5789, 163.3510

 0.7927, 1.7441,
0.0000

220.3822,

 0.0000, 0.4520,

262.8195, 203.1030

0.0000

266.3098,
315.2136, 248.8314

■ 0.0000, 0.0000,
0.0000

■ 35.4937, 46.8325,
26.9075

■ 35.4937, 46.8325,
26.9075

■ 32.0899, 45.2107,
20.8080

■ 39.4210, 48.6987,
34.3137

■ 29.1824, 43.8166,
15.9364

■ 43.8901, 50.8129,
43.0933

■ 26.7468, 42.6410,
12.2101

■ 48.9231, 53.1865,
53.3120

■ 24.7550, 41.6713,
9.5350

■ 54.5393, 55.8282,
65.0305

■ 23.1752, 40.8936,
7.8020

■ 60.7573, 58.7463,
78.3059

■ 21.9702, 40.2916,
6.8775

■ 67.5949, 61.9488,
93.1924

■ 21.5132, 40.0618,
6.5988

■ 73.8368, 64.9505,
103.2528

■ 78.5378, 67.3739,
103.4728

■ 78.8061, 67.5122,
103.4854

Harmonies

Analogous

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



41.3114, 46.8325, 20.9093



35.4937, 46.8325, 26.9075



32.3051, 46.8325, 40.3144

Triad

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



35.4937, 46.8325, 26.9075



40.6089, 46.8325, 100.3983



59.7052, 46.8325, 42.1602

Complementary

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



35.4937, 46.8325, 26.9075



34.5469, 27.7475, 55.1674

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.



59.4636, 46.8325, 63.4073



35.4937, 46.8325, 26.9075



47.8757, 46.8325, 101.2961

Square

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



35.4937, 46.8325, 26.9075



35.0283, 46.8325, 84.1540



54.9435, 46.8325, 86.3469



55.5714, 46.8325, 27.9369

Rectangle

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



35.4937, 46.8325, 26.9075



31.8548, 46.8325, 53.4575



54.9435, 46.8325, 86.3469



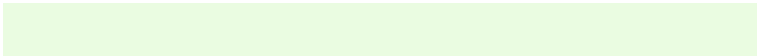
60.1456, 46.8325, 48.6048

Sweetspot

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



35.4949, 46.8345, 26.9085



82.2777, 92.7362, 84.5692



41.0261, 42.6155, 25.8026



17.7495, 20.1816, 17.9772



0.0000, 0.0000, 0.0000



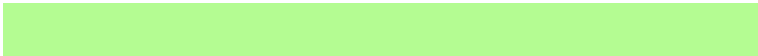
20.3446, 21.4041, 23.3091

Same Dimension

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



35.4949, 46.8345, 26.9085



59.0474, 81.7224, 40.0280



32.6721, 45.2886, 30.8759



10.2400, 11.4112, 10.7247



14.0599, 26.0770, 4.2923



0.6804, 1.1643, 0.1889

Inverse Universe

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



34.5469, 27.7475, 55.1674



57.0935, 42.7501, 97.7122



38.5677, 29.9648, 48.8263



10.1749, 10.0813, 12.6944



12.7624, 5.8397, 34.0111



0.6205, 0.2879, 1.4728

Previews

White Background



This preview shows how the XYZ color 35.4937, 46.8325, 26.9075 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 XYZ color 35.4937, 46.8325, 26.9075 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](#).

XYZ 35.4937, 46.8325, 26.9075

Background



This preview shows how black text looks on a background with the XYZ color 35.4937, 46.8325, 26.9075.



This preview shows how white text looks on a background with the XYZ color 35.4937, 46.8325,

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

35.4937, 46.8325, 26.9075

Protanopia

42.9400, 46.2741, 24.4379

Deuteranopia

47.2571, 46.3579, 27.9300



Tritanopia

42.5987, 46.8084, 62.0481

Trichromacy



Original Color

35.4937, 46.8325, 26.9075

Protanomaly

39.6622, 46.1067, 25.2214

Deuteranomaly

42.1763, 46.1172, 27.4475

Tritanomaly

39.5479, 46.5191, 46.9391

Monochromacy



Original Color

35.4937, 46.8325, 26.9075

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.8345, 43.3406, 37.8240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4937, 46.8325, 26.9075 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(148, 195, 126)` looks like.

```
.text, #text, p{  
    color:rgb(148, 195, 126)  
}
```

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(148, 195, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 195, 126) }
```

Border

The CSS property to change the border of an element to XYZ 35.4937, 46.8325, 26.9075 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(148, 195, 126) }
```


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

```
.border{ border-color:rgb(148, 195, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 195, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 195, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 195, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 195,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4937, 46.8325, 26.9075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 195, 126) }
```

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

```
.background{ background-color: rgb(148,  
195, 126) }
```

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