

Converting Colors

XYZ(36.9184, 46.8856, 25.1690)

Have a look what the booklet for
XYZ(36.9184, 46.8856, 25.1690)
contains.

XYZ(37.0184, 46.9940, 25.2088)	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(37.0184, 46.9940,
25.2088)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C179
RGB	160, 193, 121
RGB Percent	63%, 76%, 47%
CMY	0.3725, 0.2431, 0.5255
CMYK	0.17, 0.00, 0.37, 0.24
HSL	88°, 37%, 62%
HSV	88°, 37%, 76%
XYZ	37.0184, 46.9940, 25.2088
YIQ	174.9250, 3.4440, -29.3880

Conversions

Conversions Part 2

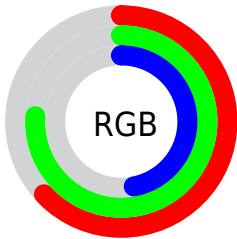
Format	Color
RYB	121, 193, 154
Decimal	10535289
CIELab	74.19, -23.59, 32.68
CIELCh	74, 40.308, 125.819
Yxy	46.9940, 0.3389, 0.4303
Android (android.graphics.Color)	4288725369 (0xFFA0C179)
YUV	174.9250, -26.5850, -13.0892
Hunter-Lab	68.5522, -23.5757, 26.1837

Details

The XYZ color **37.0184, 46.9940, 25.2088** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.7913, 24.3963, 53.5935**, and the grayscale version is **40.8418, 42.9687, 46.7929**.

A 20% lighter version of the original color is **70.1445, 86.0261, 52.9521**, and **16.4334, 22.0460, 9.3504** is the 20% darker color. If you saturate the color by 10%, you get **34.2455, 45.6893, 19.5069**, and if you desaturate by 10%, it is **40.1564, 48.4624, 32.1657**.

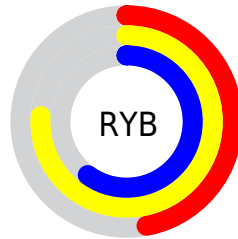
Distribution



Red (63%)

Green (76%)

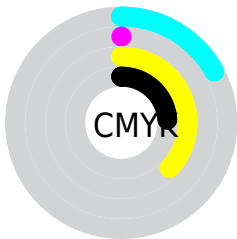
Blue (47%)



Red (47%)

Yellow (76%)

Blue (60%)

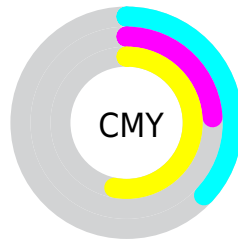


Cyan (17%)

Magenta (0%)

Yellow (37%)

Black (24%)



Cyan (37%)

Magenta (24%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0184, 46.9940, 25.2088 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 37.0184, 46.9940, 25.2088 by changing the saturation by 10% instead.

■ 37.0184, 46.9940,
25.2088

■ 37.0184, 46.9940,
25.2088

324.7443,
374.7906, 292.3571

■ 25.3955, 33.0309,
16.0123

■ 69.9147, 85.7047,
52.9641

■ 16.5022, 22.1501,
9.3784

■ 91.9189, 111.2210,
72.3599

■ 9.9733, 13.9673,
4.8886

■ 118.1141,
141.3573, 95.9925

■ 5.4434, 8.0979,
2.1245

148.8658,
176.4978, 124.2805

■ 2.5471, 4.1577,
0.6303

184.5393,
217.0270, 157.6424

■ 0.9191, 1.7621,
0.0000

225.5000,

■ 0.0000, 0.4634,

263.3293, 196.4968

0.0000

272.1132,
315.7890, 241.2622

■ 0.0000, 0.0000,
0.0000

■ 37.0184, 46.9940,
25.2088

■ 37.0184, 46.9940,
25.2088

■ 34.2455, 45.6893,
19.5069

■ 40.1564, 48.4624,
32.1657

■ 31.8173, 44.5352,
14.9821

■ 43.6714, 50.0949,
40.4434

■ 29.7167, 43.5260,
11.5525


■ 47.5792, 51.8996,
50.1065


■ 27.9229, 42.6532,
9.1244


■ 51.8935, 53.8823,
61.2146


■ 26.4125, 41.9070,
7.5884


■ 56.6272, 56.0484,
73.8239


 25.1532, 41.2741,
6.7903

 61.7926, 58.4032,
87.9873

 24.8424, 41.1172,
6.6271

 67.2231, 60.8801,
102.8157

 70.0033, 62.3134,
102.9458

 72.9278, 63.8210,
103.0827

Harmonies

Analogous

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



43.2725, 46.9940, 20.9123



37.0184, 46.9940, 25.2088



33.1522, 46.9940, 36.5379

Triad

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



37.0184, 46.9940, 25.2088



39.2132, 46.9940, 96.7312



59.9643, 46.9940, 47.2392

Complementary

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



37.0184, 46.9940, 25.2088



29.7913, 24.3963, 53.5935

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.



58.5786, 46.9940, 69.2607



37.0184, 46.9940, 25.2088



46.0899, 46.9940, 101.8436

Square

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



37.0184, 46.9940, 25.2088



34.3204, 46.9940, 78.1679



53.3013, 46.9940, 90.6933



56.9070, 46.9940, 31.2349

Rectangle

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



37.0184, 46.9940, 25.2088



32.1925, 46.9940, 48.3217



53.3013, 46.9940, 90.6933



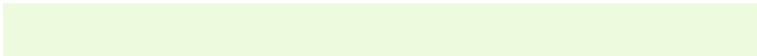
60.0065, 46.9940, 54.1250

Sweetspot

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



37.0196, 46.9961, 25.2098



82.4198, 91.6613, 82.7448



36.9021, 35.6332, 23.0228



17.4759, 19.5693, 17.2415



92.9021, 97.7402, 106.4391



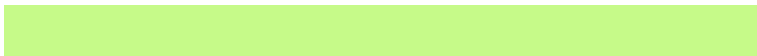
19.4759, 20.4902, 22.3138

Same Dimension

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



37.0196, 46.9961, 25.2098



62.0840, 82.1819, 36.4251



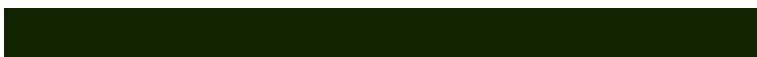
30.9217, 43.8525, 24.9244



10.4539, 11.5215, 10.7348



16.6154, 27.3944, 4.4119



0.7966, 1.2242, 0.1943

Inverse Universe

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



29.7913, 24.3963, 53.5935



47.2328, 35.7316, 94.7677



37.5505, 28.3963, 53.9566



9.9571, 9.9691, 12.6843



9.1984, 4.0024, 33.8443



0.4768, 0.2139, 1.4660

Previews

White Background



This preview shows how the XYZ color 37.0184, 46.9940, 25.2088 looks on a white background.

Color Contrast Check

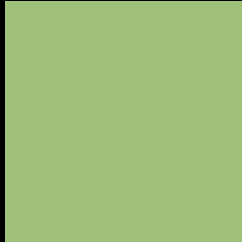
Large Text (above 18pt) WCAG AA × Fail

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 37.0184, 46.9940, 25.2088 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 37.0184, 46.9940, 25.2088

Background



This preview shows how black text looks on a background with the XYZ color 37.0184, 46.9940, 25.2088.



This preview shows how white text looks on a background with the XYZ color 37.0184, 46.9940,

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

37.0184, 46.9940, 25.2088

Protanopia

43.2275, 46.7460, 23.5742

Deuteranopia

47.4530, 46.5045, 25.8773



Tritanopia

44.1281, 47.0161, 60.1753

Trichromacy



Original Color

37.0184, 46.9940, 25.2088

Protanomaly

40.5961, 46.6162, 23.9977

Deuteranomaly

42.9269, 46.2387, 25.7313

Tritanomaly

40.9624, 46.6584, 44.8772

Monochromacy



Original Color

37.0184, 46.9940, 25.2088

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.2219, 44.3685, 37.5071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0184, 46.9940, 25.2088 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(160, 193, 121)` looks like.

```
.text, #text, p{  
    color:rgb(160, 193, 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(160, 193, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 193, 121) }
```

Border

The CSS property to change the border of an element to XYZ 37.0184, 46.9940, 25.2088 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(160, 193, 121) }
```


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

```
.border{ border-color:rgb(160, 193, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 193, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 193, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 193, 121);  
box-shadow:4px 4px 4px 4px rgb(160, 193,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0184, 46.9940, 25.2088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 193, 121) }
```

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

```
.background{ background-color: rgb(160,  
193, 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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