

Converting Colors

XYZ(25.0839, 37.9720, 13.1412)

Have a look what the booklet for
XYZ(25.0839, 37.9720, 13.1412)
contains.

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Color

**XYZ(25.1187, 37.9277,
13.2046)**

Conversions

Conversions Part 1

Format	Color
Hex	71B74E
RGB	113, 183, 78
RGB Percent	44%, 72%, 31%
CMY	0.5569, 0.2823, 0.6941
CMYK	0.38, 0.00, 0.57, 0.28
HSL	100°, 42%, 51%
HSV	100°, 57%, 72%
XYZ	25.1187, 37.9277, 13.2046
YIQ	150.1000, -8.0150, -47.4950

Conversions

Conversions Part 2

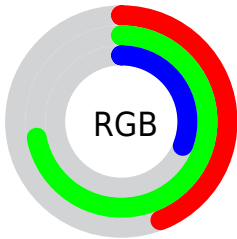
Format	Color
R_{YB}	78, 183, 148
Decimal	7452494
CIE _{Lab}	67.97, -41.06, 45.78
CIE _{LCh}	68, 61.494, 131.894
Yxy	37.9277, 0.3294, 0.4974
Android (android.graphics.Color)	4285642574 (0xFF71B74E)
YUV	150.1000, -35.5453, -32.5367
Hunter-Lab	61.5855, -34.9703, 30.3974

Details

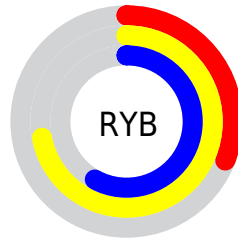
The XYZ color **25.1187, 37.9277, 13.2046** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **23.4861, 15.1647, 46.4910**, and the grayscale version is **29.1814, 30.7011, 33.4335**.

A 20% lighter version of the original color is **51.0442, 71.6695, 32.2624**, and **9.7706, 16.6702, 3.6224** is the 20% darker color. If you saturate the color by 10%, you get **23.0865, 36.9468, 10.1485**, and if you desaturate by 10%, it is **27.5464, 39.0937, 17.2337**.

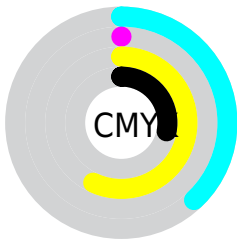
Distribution



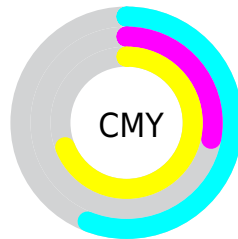
- Red (44%)
- Green (72%)
- Blue (31%)



- Red (31%)
- Yellow (72%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (57%)
- Black (28%)



- Cyan (56%)
- Magenta (28%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1187, 37.9277, 13.2046 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 25.1187, 37.9277, 13.2046 by changing the saturation by 10% instead.

■ 25.1187, 37.9277,
13.2046

■ 25.1187, 37.9277,
13.2046

270.7653,
337.3097, 223.4785

■ 16.2947, 25.9266,
7.4372

■ 51.2912, 71.9973,
32.3674

■ 9.8251, 16.7687,
3.6544

■ 69.3705, 94.8346,
46.5999

■ 5.3445, 10.0697,
1.4377

■ 91.2655, 122.0527,
64.4912

■ 2.4876, 5.4452,
0.1709

■ 117.3418,
154.0361, 86.4599

■ 0.8890, 2.5108,
0.0000

■ 147.9645,
191.1690, 112.9244

■ 0.0000, 0.8820,
0.0000

183.4991,

■ 0.0000, 0.0000,

233.8360, 144.3033

0.0000

224.3109,
282.4215, 181.0151

■ 25.1187, 37.9277,
13.2046

■ 25.1187, 37.9277,
13.2046

■ 23.0865, 36.9468,
10.1485

■ 27.5464, 39.0937,
17.2337

■ 21.4230, 36.1355,
7.9805

■ 30.3885, 40.4496,
22.3062

■ 20.1022, 35.4836,
6.6055

■ 33.6659, 42.0057,
28.4891

■ 19.0878, 34.9756,
5.8828

■ 37.3971, 43.7703,
35.8427

■ 18.8585, 34.8605,
5.7348

■ 41.5996, 45.7512,
44.4234

■ 46.2898, 47.9557,
54.2835

■ 51.4834, 50.3908,
65.4727

■ 57.1952, 53.0631,
78.0377

■ 63.4395, 55.9791,
92.0230

Harmonies

Analogous

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



32.3932, 37.9277, 8.2403



25.1187, 37.9277, 13.2046



21.2528, 37.9277, 27.0062

Triad

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



25.1187, 37.9277, 13.2046



30.6348, 37.9277, 114.2271



57.1846, 37.9277, 31.3728

Complementary

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



25.1187, 37.9277, 13.2046



23.4861, 15.1647, 46.4910

Split Complementary

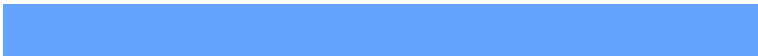
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4865, 37.9277, 59.9054



25.1187, 37.9277, 13.2046



39.9703, 37.9277, 117.1604

Square

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



25.1187, 37.9277, 13.2046



24.0281, 37.9277, 87.3462



49.7637, 37.9277, 94.1610



51.5300, 37.9277, 15.1815

Rectangle

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



25.1187, 37.9277, 13.2046



20.6263, 37.9277, 43.0604



49.7637, 37.9277, 94.1610



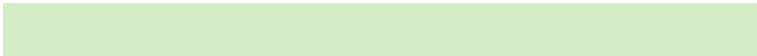
57.7091, 37.9277, 39.5821

Sweetspot

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



25.1196, 37.9293, 13.2054



67.0426, 78.4205, 64.3271



31.4950, 31.7987, 11.6861



14.4980, 17.1745, 13.5883



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.1196, 37.9293, 13.2054



40.4581, 65.7368, 16.9496



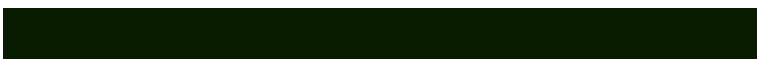
22.1649, 36.3237, 16.7897



9.1649, 10.2016, 9.5930



13.2214, 24.3522, 4.0036



0.5335, 0.8932, 0.1443

Inverse Universe

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



23.4861, 15.1647, 46.4910



37.1603, 20.9759, 82.3259



29.0914, 18.2519, 37.8278



9.0822, 9.0088, 11.3396



11.6373, 5.3105, 31.6647



0.4730, 0.2195, 1.1192

Previews

White Background



This preview shows how the XYZ color 25.1187, 37.9277, 13.2046 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 25.1187, 37.9277, 13.2046 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 25.1187, 37.9277, 13.2046

Background



This preview shows how black text looks on a background with the XYZ color 25.1187, 37.9277, 13.2046.



This preview shows how white text looks on a background with the XYZ color 25.1187, 37.9277,

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

25.1187, 37.9277, 13.2046

Protanopia

34.1533, 37.4454, 11.5585

Deuteranopia

38.0538, 37.3264, 13.7934



Tritanopia

32.9755, 37.8755, 52.0271

Trichromacy



Original Color

25.1187, 37.9277, 13.2046



Protanomaly

30.0891, 37.2686, 12.0863



Deuteranomaly

31.7368, 36.4277, 13.3412



Tritanomaly

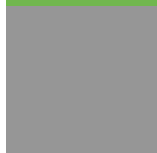
29.1040, 37.4423, 33.2969

Monochromacy



Original Color

25.1187, 37.9277, 13.2046



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.8749, 32.6143, 23.9475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1187, 37.9277, 13.2046 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(113, 183, 78)` looks like.

```
.text, #text, p{  
    color:rgb(113, 183, 78)  
}
```

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(113, 183, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 183, 78) }
```

Border

The CSS property to change the border of an element to XYZ 25.1187, 37.9277, 13.2046 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(113, 183, 78) }
```


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

```
.border{ border-color:rgb(113, 183, 78) }
```

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

Here you see how a box with a 4 pixel rgb(113, 183, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 183, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 183, 78);  
box-shadow:4px 4px 4px 4px rgb(113, 183,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1187, 37.9277, 13.2046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 183, 78) }
```

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

```
.background{ background-color: rgb(113,  
183, 78) }
```

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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