

Converting Colors

XYZ(26.4183, 37.7010, 12.5412)

Have a look what the booklet for
XYZ(26.4183, 37.7010, 12.5412)
contains.

XYZ(26.4933, 37.7397, 12.5448)	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(26.4933, 37.7397,
12.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	80B44B
RGB	128, 180, 75
RGB Percent	50%, 71%, 29%
CMY	0.4980, 0.2941, 0.7059
CMYK	0.29, 0.00, 0.58, 0.29
HSL	90°, 41%, 50%
HSV	90°, 58%, 71%
XYZ	26.4933, 37.7397, 12.5448
YIQ	152.4820, 2.7130, -43.6790

Conversions

Conversions Part 2

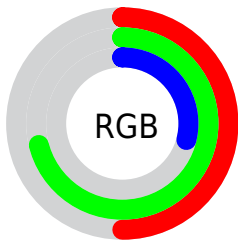
Format	Color
RYB	75, 180, 127
Decimal	8434763
CIELab	67.83, -34.71, 47.21
CIELCh	68, 58.601, 126.326
Yxy	37.7397, 0.3451, 0.4915
Android (android.graphics.Color)	4286624843 (0xFF80B44B)
YUV	152.4820, -38.1986, -21.4707
Hunter-Lab	61.4326, -30.5276, 30.8956

Details

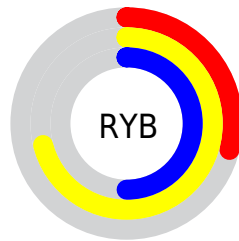
The XYZ color **26.4933, 37.7397, 12.5448** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **19.5085, 12.8407, 44.6325**, and the grayscale version is **30.2138, 31.7873, 34.6163**.

A 20% lighter version of the original color is **53.3547, 71.5905, 31.0849**, and **10.6264, 16.7287, 3.3784** is the 20% darker color. If you saturate the color by 10%, you get **24.6800, 36.8675, 9.6866**, and if you desaturate by 10%, it is **28.6006, 38.7457, 16.3280**.

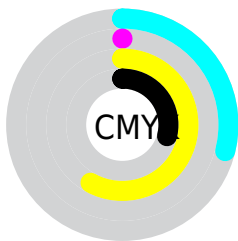
Distribution



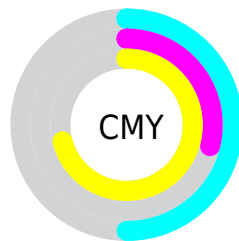
- Red (50%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (50%)



- Cyan (29%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)





- Cyan (50%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4933, 37.7397, 12.5448 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 26.4933, 37.7397, 12.5448 by changing the saturation by 10% instead.


 26.4933, 37.7397,
12.5448


 26.4933, 37.7397,
12.5448


277.4078,
336.5020, 219.0838


 17.3277, 25.7807,
6.9888


 53.4953, 71.7090,
31.1626


 10.5651, 16.6597,
3.3768


 72.0625, 94.4881,
45.0616


 5.8404, 9.9921,
1.2901


 94.4941, 121.6427,
62.5786

 2.7880, 5.3937,
0.0536

 121.1557,
153.5572, 84.1323

 1.0427, 2.4801,
0.0000

 152.4124,
190.6160, 110.1411

 0.0000, 0.8666,
0.0000

188.6298,

 0.0000, 0.0000,

233.2035, 141.0235

0.0000

230.1732,
281.7040, 177.1983

■ 26.4933, 37.7397,
12.5448

■ 26.4933, 37.7397,
12.5448

■ 24.6800, 36.8675,
9.6866

■ 28.6006, 38.7457,
16.3280

■ 23.1398, 36.1165,
7.6713

■ 31.0154, 39.8873,
21.1045

■ 21.8528, 35.4797,
6.4061

■ 33.7535, 41.1726,
26.9386

■ 20.7861, 34.9435,
5.7354

■ 36.8287, 42.6073,
33.8887

■ 20.6219, 34.8608,
5.6419

■ 40.2539, 44.1969,
42.0091

■ 44.0412, 45.9465,
51.3502

■ 48.2021, 47.8610,
61.9597

■ 52.7476, 49.9450,
73.8826

■ 57.6881, 52.2031,
87.1618

Harmonies

Analogous

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



33.9816, 37.7397, 8.7440



26.4933, 37.7397, 12.5448



22.1431, 37.7397, 24.1125

Triad

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



26.4933, 37.7397, 12.5448



29.3091, 37.7397, 105.9715



56.1632, 37.7397, 35.8270

Complementary

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



26.4933, 37.7397, 12.5448



19.5085, 12.8407, 44.6325

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.



54.3461, 37.7397, 64.6066



26.4933, 37.7397, 12.5448



37.8281, 37.7397, 113.4800

Square

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



26.4933, 37.7397, 12.5448



23.5668, 37.7397, 78.3821



47.2341, 37.7397, 95.9481



51.8486, 37.7397, 18.0254

Rectangle

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



26.4933, 37.7397, 12.5448



21.1205, 37.7397, 37.9718



47.2341, 37.7397, 95.9481



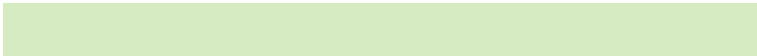
56.2582, 37.7397, 44.3789

Sweetspot

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



26.4942, 37.7413, 12.5456



67.3919, 77.5392, 62.8774



27.5228, 25.0706, 10.0457



14.3155, 16.6425, 13.0099



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.4942, 37.7413, 12.5456



43.8985, 66.4331, 16.3666



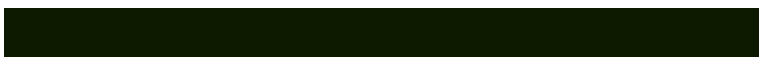
20.6329, 34.7197, 12.2713



8.7841, 9.6938, 9.0606



14.4698, 24.3695, 3.9412



0.5225, 0.8014, 0.1272

Inverse Universe

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



19.5085, 12.8407, 44.6325



30.0472, 17.0510, 80.0021



29.1734, 17.8231, 45.0848



8.4294, 8.4299, 10.6892



8.7126, 3.8273, 30.4165



0.3415, 0.1551, 0.9602

Previews

White Background



This preview shows how the XYZ color 26.4933, 37.7397, 12.5448 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 26.4933, 37.7397, 12.5448 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 26.4933, 37.7397, 12.5448

Background



This preview shows how black text looks on a background with the XYZ color 26.4933, 37.7397, 12.5448.



This preview shows how white text looks on a background with the XYZ color 26.4933, 37.7397,

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

26.4933, 37.7397, 12.5448

Protanopia

34.0891, 37.4197, 11.2204

Deuteranopia

38.2086, 37.4196, 13.1915



Tritanopia

33.9592, 37.5930, 49.7223

Trichromacy



Original Color

26.4933, 37.7397, 12.5448

Protanomaly

30.6487, 37.0039, 11.6580

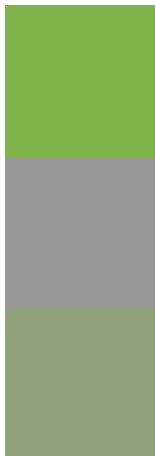
Deuteranomaly

32.7709, 36.7049, 12.7547

Tritanomaly

30.3827, 37.2736, 31.5798

Monochromacy



Original Color

26.4933, 37.7397, 12.5448

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

27.8861, 33.1355, 23.9948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4933, 37.7397, 12.5448 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(128, 180, 75)` looks like.

```
.text, #text, p{  
    color:rgb(128, 180, 75)  
}
```

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(128, 180, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 180, 75) }
```

Border

The CSS property to change the border of an element to XYZ 26.4933, 37.7397, 12.5448 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(128, 180, 75) }
```


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

```
.border{ border-color:rgb(128, 180, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 180, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 180, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 180, 75);  
box-shadow:4px 4px 4px 4px rgb(128, 180,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4933, 37.7397, 12.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 180, 75) }
```

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

```
.background{ background-color: rgb(128,  
180, 75) }
```

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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