

Converting Colors

XYZ(25.9578, 37.5926, 10.1453)

Have a look what the booklet for
XYZ(25.9578, 37.5926, 10.1453)
contains.

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Color

**XYZ(25.8893, 37.4808,
10.1450)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7FB43C |
| RGB | 127, 180, 60 |
| RGB Percent | 50%, 71%, 24% |
| CMY | 0.5020, 0.2941, 0.7647 |
| CMYK | 0.29, 0.00, 0.67, 0.29 |
| HSL | 87°, 50%, 47% |
| HSV | 87°, 67%, 71% |
| XYZ | 25.8893, 37.4808, 10.1450 |
| YIQ | 150.4730, 6.9320, -48.5560 |

Conversions

Conversions Part 2

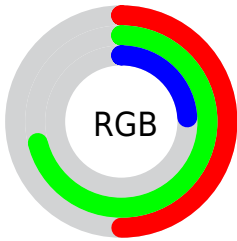
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 60, 180, 113 |
| Decimal | 8369212 |
| CIELab | 67.64, -36.39, 53.53 |
| CIElCh | 68, 64.727, 124.206 |
| Yxy | 37.4808, 0.3522, 0.5098 |
| Android (android.graphics.Color) | 4286559292 (0xFF7FB43C) |
| YUV | 150.4730, -44.6032, -20.5858 |
| Hunter-Lab | 61.2216, -31.6539, 33.0302 |

Details

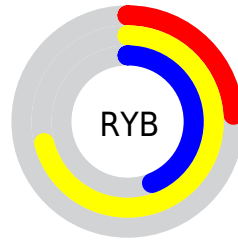
The XYZ color **25.8893, 37.4808, 10.1450** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **16.6658, 10.0388, 44.2415**, and the grayscale version is **29.3735, 30.9032, 33.6536**.

A 20% lighter version of the original color is **52.5045, 71.2504, 26.6082**, and **10.3370, 16.5952, 2.6584** is the 20% darker color. If you saturate the color by 10%, you get **24.3546, 36.7367, 7.9981**, and if you desaturate by 10%, it is **27.6811, 38.3411, 13.1502**.

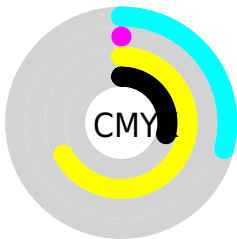
Distribution



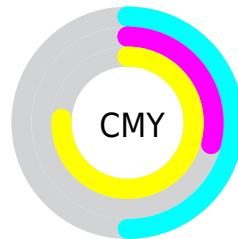
- Red (50%)
- Green (71%)
- Blue (24%)



- Red (24%)
- Yellow (71%)
- Blue (44%)



- Cyan (29%)
- Magenta (0%)
- Yellow (67%)
- Black (29%)





- Cyan (50%)
- Magenta (29%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8893, 37.4808, 10.1450 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 25.8893, 37.4808, 10.1450 by changing the saturation by 10% instead.

 25.8893, 37.4808,
10.1450


 25.8893, 37.4808,
10.1450


274.5049,
335.3875, 202.2261


 16.8731, 25.5800,
5.3883


 52.5289, 71.3116,
26.6799

 10.2388, 16.5097,
2.4142


 70.8830, 94.0104,
39.2953

 5.6210, 9.8855,
0.7941


 93.0804, 121.0774,
55.3673

 2.6545, 5.3231,
0.0000

 119.4865,
152.8968, 75.3145

 0.9738, 2.4381,
0.0000

 150.4666,
189.8531, 99.5555

 0.0000, 0.8454,
0.0000

186.3862,

 0.0000, 0.0000,

232.3307, 128.5087

0.0000

227.6105,
280.7141, 162.5927

■ 25.8893, 37.4808,
10.1450

■ 25.8893, 37.4808,
10.1450

■ 24.3546, 36.7367,
7.9981

■ 27.6811, 38.3411,
13.1502

■ 23.0549, 36.0960,
6.6164

■ 29.7443, 39.3196,
17.0893

■ 21.9654, 35.5496,
5.8764

■ 32.0947, 40.4243,
22.0323

■ 21.6327, 35.3818,
5.6892

■ 34.7464, 41.6610,
28.0419

■ 37.7120, 43.0350,
35.1757

■ 41.0035, 44.5513,
43.4871

■ 44.6323, 46.2147,
53.0261

■ 48.6090, 48.0295,
63.8400

■ 52.9437, 50.0001,
75.9732

Harmonies

Analogous

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



34.2356, 37.4808, 6.8768



25.8893, 37.4808, 10.1450



20.9900, 37.4808, 21.2635

Triad

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



25.8893, 37.4808, 10.1450



27.9099, 37.4808, 112.9806



58.3928, 37.4808, 36.9113

Complementary

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



25.8893, 37.4808, 10.1450



16.6658, 10.0388, 44.2415

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.



55.8447, 37.4808, 69.6986



25.8893, 37.4808, 10.1450



37.0502, 37.4808, 123.8138

Square

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



25.8893, 37.4808, 10.1450



21.9946, 37.4808, 80.1555



47.5371, 37.4808, 105.2195



53.9672, 37.4808, 17.0563

Rectangle

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



25.8893, 37.4808, 10.1450



19.7407, 37.4808, 35.5096



47.5371, 37.4808, 105.2195



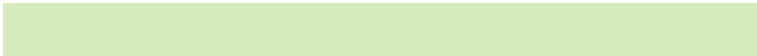
58.3284, 37.4808, 46.6137

Sweetspot

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



25.8902, 37.4824, 10.1458



66.3318, 77.0823, 58.7786



25.4337, 21.6193, 7.1080



14.0156, 16.5115, 11.9321



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.



25.8902, 37.4824, 10.1458



42.9985, 66.0391, 13.1614



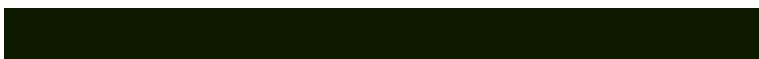
19.5220, 34.1995, 9.8478



8.8276, 9.7162, 9.0627



15.1758, 24.7335, 3.9742



0.5432, 0.8121, 0.1281

Inverse Universe

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



16.6658, 10.0388, 44.2415



25.1290, 12.7332, 79.4279



26.8688, 15.2987, 44.7190



8.3863, 8.4077, 10.6872



8.1045, 3.5138, 30.3881



0.3224, 0.1453, 0.9593

Previews

White Background



This preview shows how the XYZ color 25.8893, 37.4808, 10.1450 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 25.8893, 37.4808, 10.1450 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 25.8893, 37.4808, 10.1450

Background



This preview shows how black text looks on a background with the XYZ color 25.8893, 37.4808, 10.1450.



This preview shows how white text looks on a background with the XYZ color 25.8893, 37.4808,

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

25.8893, 37.4808, 10.1450

Protanopia

33.7564, 37.0268, 9.1091

Deuteranopia

37.8337, 37.0317, 10.6226



Tritanopia

33.7738, 37.2223, 49.6605

Trichromacy



Original Color

25.8893, 37.4808, 10.1450

Protanomaly

30.2175, 36.8314, 9.3874

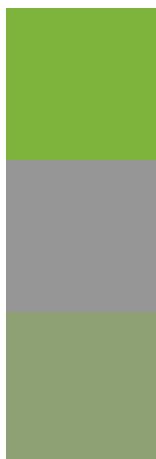
Deuteranomaly

32.3138, 36.5220, 10.3474

Tritanomaly

29.6565, 36.6584, 29.5575

Monochromacy



Original Color

25.8893, 37.4808, 10.1450

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.1111, 32.5249, 21.6786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8893, 37.4808, 10.1450 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(127, 180, 60)` looks like.

```
.text, #text, p{  
    color:rgb(127, 180, 60)  
}
```

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(127, 180, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 180, 60) }
```

Border

The CSS property to change the border of an element to XYZ 25.8893, 37.4808, 10.1450 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(127, 180, 60) }
```


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

```
.border{ border-color:rgb(127, 180, 60) }
```

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

Here you see how a box with a 4 pixel rgb(127, 180, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 180, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 180, 60);  
box-shadow:4px 4px 4px 4px rgb(127, 180,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8893, 37.4808, 10.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 180, 60) }
```

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

```
.background{ background-color: rgb(127,  
180, 60) }
```

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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