

Converting Colors

XYZ(24.7314, 37.7305, 3.9543)

Have a look what the booklet for
XYZ(24.7314, 37.7305, 3.9543)
contains.

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Color

**XYZ(25.0401, 37.7410,
5.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB600
RGB	124, 182, 0
RGB Percent	49%, 71%, 0%
CMY	0.5137, 0.2863, 0.9999
CMYK	0.32, 0.00, 1.00, 0.29
HSL	79°, 100%, 36%
HSV	79°, 100%, 71%
XYZ	25.0401, 37.7410, 5.9650
YIQ	143.9100, 23.8540, -68.8980

Conversions

Conversions Part 2

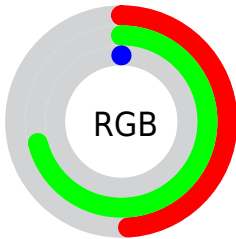
Format	Color
RYB	0, 182, 58
Decimal	8173056
CIELab	67.83, -40.80, 68.57
CIELCh	68, 79.795, 120.753
Yxy	37.7410, 0.3642, 0.5490
Android (android.graphics.Color)	4286363136 (0xFF7CB600)
YUV	143.9100, -70.9476, -17.4611
Hunter-Lab	61.4337, -34.7532, 37.2467

Details

The XYZ color **25.0401, 37.7410, 5.9650** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **10.1904, 4.2782, 44.5469**, and the grayscale version is **26.7447, 28.1376, 30.6418**.

A 20% lighter version of the original color is **51.0057, 71.5229, 18.3247**, and **10.1650, 16.8938, 2.7251** is the 20% darker color. If you saturate the color by 10%, you get **25.0400, 37.7422, 5.9652**, and if you desaturate by 10%, it is **26.0151, 38.2320, 6.5901**.

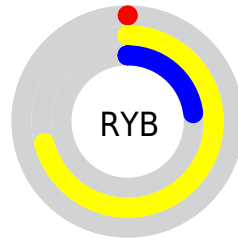
Distribution



Red (49%)

Green (71%)

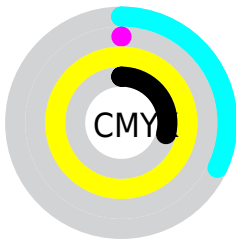
Blue (0%)



Red (0%)

Yellow (71%)

Blue (23%)

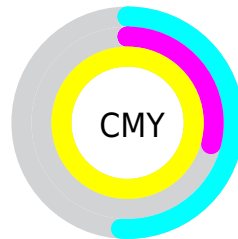


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (51%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0401, 37.7410, 5.9650 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 25.0401, 37.7410, 5.9650 by changing the saturation by 10% instead.


 25.0401, 37.7410,
5.9650


 25.0401, 37.7410,
5.9650


270.3815,
336.5076, 168.0536


 16.2358, 25.7817,
2.7554

 51.1647, 71.7110,
18.3346


 9.7831, 16.6604,
0.9711


 69.2157, 94.4905,
28.3317


 5.3165, 9.9927,
0.0000


 91.0797, 121.6455,
41.4283

 2.4708, 5.3941,
0.0000

 117.1220,
153.5605, 58.0430

 0.8806, 2.4803,
0.0000

 147.7080,
190.6198, 78.5944

 0.0000, 0.8668,
0.0000

 183.2030,

 0.0000, 0.0000,

233.2078, 103.5009

0.0000

223.9724,
281.7090, 133.1811

■ 25.0401, 37.7410,
5.9650

■ 25.0401, 37.7410,
5.9650

■ 25.0400, 37.7422,
5.9652

■ 26.0151, 38.2320,
6.5901

■ 27.1424, 38.7885,
7.7592

■ 28.4624, 39.4279,
9.6771

■ 29.9946, 40.1581,
12.4426

■ 31.7558, 40.9861,
16.1397

■ 33.7606, 41.9176,
20.8421

■ 36.0225, 42.9582,
26.6163

■ 38.5537, 44.1128,
33.5229

■ 41.3654, 45.3860,
41.6182

Harmonies

Analogous

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



35.5601, 37.7410, 3.6939



25.0401, 37.7410, 5.9650



18.8748, 37.7410, 16.0036

Triad

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



25.0401, 37.7410, 5.9650



25.4684, 37.7410, 133.6793



65.2684, 37.7410, 40.2051

Complementary

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



25.0401, 37.7410, 5.9650



10.1904, 4.2782, 44.5469

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.



60.8595, 37.7410, 84.1224



25.0401, 37.7410, 5.9650



36.1851, 37.7410, 153.6325

Square

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



25.0401, 37.7410, 5.9650



19.0792, 37.7410, 86.6462



49.4478, 37.7410, 131.7242



60.4161, 37.7410, 15.1911

Rectangle

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



25.0401, 37.7410, 5.9650



17.1565, 37.7410, 31.0986



49.4478, 37.7410, 131.7242



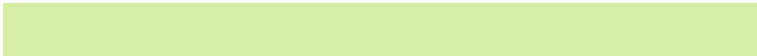
64.8123, 37.7410, 53.0289

Sweetspot

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



25.0410, 37.7427, 5.9658



65.0810, 77.7761, 47.6610



20.7878, 12.9363, 1.4019



13.9831, 16.9987, 9.5106



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.



25.0410, 37.7427, 5.9658



45.1391, 68.2909, 10.8024



17.3684, 33.7873, 5.6067



9.4643, 10.3560, 9.6070



17.7535, 26.6886, 4.2157



0.6871, 0.9724, 0.1515

Inverse Universe

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



10.1904, 4.2782, 44.5469



18.2558, 7.6429, 80.7487



20.7730, 9.7338, 45.0422



8.7834, 8.8547, 11.3256



7.2574, 3.0525, 31.4598



0.3221, 0.1418, 1.1121

Previews

White Background



This preview shows how the XYZ color 25.0401, 37.7410, 5.9650 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 25.0401, 37.7410, 5.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

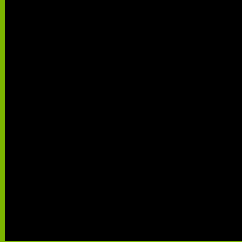
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0401, 37.7410, 5.9650

Background



This preview shows how black text looks on a background with the XYZ color 25.0401, 37.7410, 5.9650.



This preview shows how white text looks on a background with the XYZ color 25.0401, 37.7410,

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

25.0401, 37.7410, 5.9650

Protanopia

33.7048, 37.3494, 5.4327

Deuteranopia

37.9240, 37.1637, 6.7646



Tritanopia

33.8905, 37.5456, 50.2606

Trichromacy



Original Color

25.0401, 37.7410, 5.9650

Protanomaly

29.6672, 36.9124, 5.5612

Deuteranomaly

31.7314, 36.3153, 6.0962

Tritanomaly

28.2801, 36.6840, 22.1132

Monochromacy



Original Color

25.0401, 37.7410, 5.9650

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

24.4752, 30.5448, 14.7310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0401, 37.7410, 5.9650 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(124, 182, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 182, 0)  
}
```

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(124, 182, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 182, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.0401, 37.7410, 5.9650 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(124, 182, 0) }
```


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

```
.border{ border-color:rgb(124, 182, 0) }
```

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

Here you see how a box with a 4 pixel rgb(124, 182, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 182, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 182, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 182,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0401, 37.7410, 5.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 182, 0) }
```

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

```
.background{ background-color: rgb(124,  
182, 0) }
```

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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