

Converting Colors

XYZ(25.3406, 37.2431, 15.9928)

Have a look what the booklet for
XYZ(25.3406, 37.2431, 15.9928)
contains.

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Color

**XYZ(25.3951, 37.3979,
16.0053)**

Conversions

Conversions Part 1

Format	Color
Hex	72B55C
RGB	114, 181, 92
RGB Percent	45%, 71%, 36%
CMY	0.5529, 0.2902, 0.6392
CMYK	0.37, 0.00, 0.49, 0.29
HSL	105°, 38%, 54%
HSV	105°, 49%, 71%
XYZ	25.3951, 37.3979, 16.0053
YIQ	150.8210, -11.3630, -41.8830

Conversions

Conversions Part 2

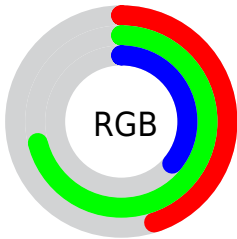
Format	Color
RYB	92, 181, 159
Decimal	7517532
CIELab	67.57, -38.20, 38.54
CIELCh	68, 54.263, 134.742
Yxy	37.3979, 0.3223, 0.4746
Android (android.graphics.Color)	4285707612 (0xFF72B55C)
YUV	150.8210, -28.9988, -32.2920
Hunter-Lab	61.1538, -32.8942, 27.2902

Details

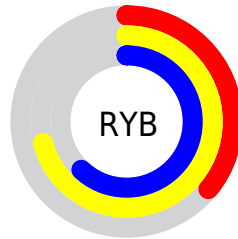
The XYZ color **25.3951, 37.3979, 16.0053** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **26.4675, 18.3626, 45.8675**, and the grayscale version is **29.4632, 30.9976, 33.7564**.

A 20% lighter version of the original color is **51.6804, 71.0170, 37.3694**, and **10.0006, 16.5662, 4.8610** is the 20% darker color. If you saturate the color by 10%, you get **23.0544, 36.2731, 12.2476**, and if you desaturate by 10%, it is **28.1908, 38.7377, 20.7726**.

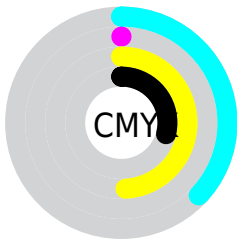
Distribution



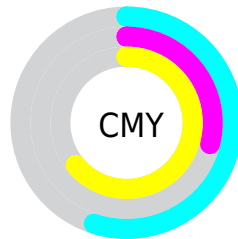
- Red (45%)
- Green (71%)
- Blue (36%)



- Red (36%)
- Yellow (71%)
- Blue (62%)



- Cyan (37%)
- Magenta (0%)
- Yellow (49%)
- Black (29%)





- Cyan (55%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3951, 37.3979, 16.0053 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 25.3951, 37.3979, 16.0053 by changing the saturation by 10% instead.


 25.3951, 37.3979,
16.0053


 25.3951, 37.3979,
16.0053


272.1114,
335.0300, 241.2198


 16.5020, 25.5157,
9.3735


 51.7358, 71.1843,
37.3743


 9.9731, 16.4617,
4.8855


 69.9140, 93.8574,
52.9486

 5.4433, 9.8514,
2.1227


 91.9180, 120.8962,
72.3409

 2.5470, 5.3006,
0.6292

 118.1130,
152.6851, 95.9696

 0.9190, 2.4247,
0.0000

148.8645,
189.6085, 124.2533

 0.0000, 0.8385,
0.0000

184.5379,

 0.0000, 0.0000,

232.0509, 157.6105

0.0000

225.4984,
280.3966, 196.4598

■ 25.3951, 37.3979,
16.0053

■ 25.3951, 37.3979,
16.0053

■ 23.0544, 36.2731,
12.2476

■ 28.1908, 38.7377,
20.7726

■ 21.1405, 35.3470,
9.4244

■ 31.4620, 40.2982,
26.6124

■ 19.6265, 34.6085,
7.4543


■ 35.2312, 42.0908,
33.5856


■ 18.4804, 34.0434,
6.2404


■ 39.5187, 44.1249,
41.7477


■ 17.6536, 33.6304,
5.6040


■ 44.3434, 46.4090,
51.1505

 17.5953, 33.6013,
5.5583

 49.7235, 48.9514,
61.8428

 55.6762, 51.7601,
73.8708

 62.2179, 54.8425,
87.2784

 69.3646, 58.2059,
102.1074

Harmonies

Analogous

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



31.6127, 37.3979, 10.4664



25.3951, 37.3979, 16.0053



22.1917, 37.3979, 29.7736

Triad

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



25.3951, 37.3979, 16.0053



31.4837, 37.3979, 103.1787



53.4527, 37.3979, 30.0996

Complementary

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



25.3951, 37.3979, 16.0053



26.4675, 18.3626, 45.8675

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.



53.4036, 37.3979, 54.0659



25.3951, 37.3979, 16.0053



39.7918, 37.3979, 103.3782

Square

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



25.3951, 37.3979, 16.0053



25.3134, 37.3979, 82.4450



48.0939, 37.3979, 82.9147



48.2192, 37.3979, 16.1630

Rectangle

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



25.3951, 37.3979, 16.0053



21.8204, 37.3979, 44.6426



48.0939, 37.3979, 82.9147



54.0770, 37.3979, 37.0341

Sweetspot

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



25.3960, 37.3995, 16.0061



65.9931, 76.7560, 65.6199



33.3446, 35.3086, 15.1836



13.9284, 16.4307, 13.5486



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.



25.3960, 37.3995, 16.0061



40.9807, 64.8131, 21.4616



23.9902, 36.5454, 21.7847



8.5793, 9.5882, 9.0511



12.1838, 23.1910, 3.8342



0.4373, 0.7575, 0.1232

Inverse Universe

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



26.4675, 18.3626, 45.8675



43.0610, 26.7078, 81.1802



29.1210, 19.9736, 35.0093



8.6408, 8.5389, 10.6991



12.8442, 5.9572, 30.6099



0.4533, 0.2128, 0.9654

Previews

White Background



This preview shows how the XYZ color 25.3951, 37.3979, 16.0053 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 25.3951, 37.3979, 16.0053 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 25.3951, 37.3979, 16.0053

Background



This preview shows how black text looks on a background with the XYZ color 25.3951, 37.3979, 16.0053.



This preview shows how white text looks on a background with the XYZ color 25.3951, 37.3979,

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

25.3951, 37.3979, 16.0053

Protanopia

34.0112, 37.0466, 14.1622

Deuteranopia

37.6463, 36.8009, 16.6744



Tritanopia

32.4206, 37.3323, 50.8445

Trichromacy



Original Color

25.3951, 37.3979, 16.0053

Protanomaly

30.0408, 36.6221, 14.7180

Deuteranomaly

31.7149, 36.0796, 16.3588

Tritanomaly

29.2281, 37.1794, 34.9140

Monochromacy



Original Color

25.3951, 37.3979, 16.0053

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.4308, 32.8556, 26.0151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3951, 37.3979, 16.0053 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(114, 181, 92)` looks like.

```
.text, #text, p{  
    color:rgb(114, 181, 92)  
}
```

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(114, 181, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 181, 92) }
```

Border

The CSS property to change the border of an element to XYZ 25.3951, 37.3979, 16.0053 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(114, 181, 92) }
```


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

```
.border{ border-color:rgb(114, 181, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 181, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 181, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 181, 92);  
box-shadow:4px 4px 4px 4px rgb(114, 181,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3951, 37.3979, 16.0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 181, 92) }
```

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

```
.background{ background-color: rgb(114,  
181, 92) }
```

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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