

Converting Colors

XYZ(5.5909, 9.8385, 6.0045)

Have a look what the booklet for
XYZ(5.5909, 9.8385, 6.0045)
contains.

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Color

XYZ(5.5937, 9.8397, 6.0193)

Conversions

Conversions Part 1

Format	Color
Hex	00663D
RGB	0, 102, 61
RGB Percent	0%, 40%, 24%
CMY	1.0000, 0.6000, 0.7608
CMYK	1.00, 0.00, 0.40, 0.60
HSL	156°, 100%, 20%
HSV	156°, 100%, 40%
XYZ	5.5937, 9.8397, 6.0193
YIQ	66.8280, -47.6310, -34.3750

Conversions

Conversions Part 2

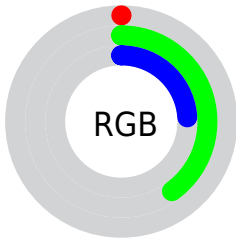
Format	Color
RYB	0, 64, 102
Decimal	26173
CIELab	37.55, -36.35, 16.14
CIELCh	38, 39.770, 156.050
Yxy	9.8397, 0.2607, 0.4587
Android (android.graphics.Color)	4278216253 (0xFF00663D)
YUV	66.8280, -2.8732, -58.6082
Hunter-Lab	31.3683, -23.0638, 10.5806

Details

The XYZ color **5.5937, 9.8397, 6.0193** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5.8801, 2.9851, 2.3646**, and the grayscale version is **5.3181, 5.5950, 6.0930**.

A 20% lighter version of the original color is **16.8417, 25.5174, 18.5057**, and **1.4283, 2.6820, 1.0147** is the 20% darker color. If you saturate the color by 10%, you get **5.5939, 9.8400, 6.0193**, and if you desaturate by 10%, it is **5.8364, 9.9518, 6.6297**.

Distribution



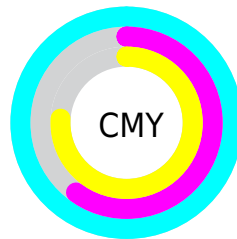
- Red (0%)
- Green (40%)
- Blue (24%)



- Red (0%)
- Yellow (25%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (60%)





- Cyan (100%)
- Magenta (60%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 5.5937, 9.8397, 6.0193 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 5.5937, 9.8397, 6.0193 by changing the saturation by 10% instead.


 5.5937, 9.8397,
6.0193


 5.5937, 9.8397,
6.0193


150.2216,
189.5241, 168.5554


 2.6379, 5.2928,
2.7878

 16.8162, 25.4936,
18.4493


 0.9653, 2.4201,
0.9874


 25.8135, 37.3693,
28.4849

 0.0000, 0.8362,
0.0000

 37.5555, 52.4568,
41.6257

 0.0000, 0.0000,
0.0000

 52.4074, 71.1404,
58.2901

 70.7347, 93.8046,
78.8967

 92.9025, 120.8336,

103.8641

119.2764,
152.6120, 133.6108

5.5937, 9.8397,
6.0193

5.5937, 9.8397,
6.0193

5.5939, 9.8400,
6.0193

5.8364, 9.9518,
6.6297

6.1288, 10.0883,
7.2873

6.5174, 10.2734,
7.9954

7.0121, 10.5121,
8.7553

7.6212, 10.8087,
9.5683

■ 8.3525, 11.1673,
10.4357

■ 9.2128, 11.5913,
11.3585

■ 10.2086, 12.0840,
12.3378

■ 11.3459, 12.6485,
13.3748

Harmonies

Analogous

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



6.7863, 9.8397, 2.9662



5.5937, 9.8397, 6.0193



5.3219, 9.8397, 12.2401

Triad

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



5.5937, 9.8397, 6.0193



9.8711, 9.8397, 31.2192



13.8303, 9.8397, 4.4573

Complementary

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



5.5937, 9.8397, 6.0193



5.8801, 2.9851, 2.3646

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.



15.0300, 9.8397, 9.3199



5.5937, 9.8397, 6.0193



12.4952, 9.8397, 26.2569

Square

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



5.5937, 9.8397, 6.0193



7.5241, 9.8397, 28.9996



14.5022, 9.8397, 17.3734



11.4550, 9.8397, 2.3886

Rectangle

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



5.5937, 9.8397, 6.0193



5.6470, 9.8397, 18.0160



14.5022, 9.8397, 17.3734



14.4021, 9.8397, 5.7116

Sweetspot

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



5.5940, 9.8401, 6.0195



16.0168, 20.2587, 19.7756



5.7272, 10.0061, 1.6296



3.6696, 4.7255, 4.5512



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



5.5940, 9.8401, 6.0195



9.7550, 17.2346, 10.2665



6.3570, 8.8765, 13.9492



2.8594, 3.1675, 3.3609



7.1648, 12.6295, 7.6292



36.9274, 65.6935, 37.4696

Inverse Universe

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



5.8801, 2.9851, 2.3646



10.2594, 5.2139, 3.8704



5.5720, 3.0095, 0.2873



2.8708, 2.8630, 3.1922



7.5330, 3.8262, 2.9394



38.8792, 19.7917, 13.1733

Previews

White Background



This preview shows how the XYZ color 5.5937, 9.8397, 6.0193 looks on a white 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

Black Background



This preview shows how the XYZ color 5.5937, 9.8397, 6.0193 looks on a black 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

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

XYZ 5.5937, 9.8397, 6.0193

Background



This preview shows how black text looks on a background with the XYZ color 5.5937, 9.8397, 6.0193.



This preview shows how white text looks on a background with the XYZ color 5.5937, 9.8397, 6.0193.

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

5.5937, 9.8397, 6.0193

Protanopia

9.0274, 9.7518, 5.1479

Deuteranopia

9.9116, 9.8217, 6.3744



Tritanopia

7.5874, 9.9626, 14.8877

Trichromacy



Original Color
5.5937, 9.8397, 6.0193

Protanomaly
6.6025, 9.1263, 5.4165

Deuteranomaly
6.9133, 9.0106, 6.2253

Tritanomaly
6.6417, 9.8391, 11.0003

Monochromacy



Original Color
5.5937, 9.8397, 6.0193

Achromatopsia
5.3350, 5.6128, 6.1124

Achromatomaly
4.8191, 6.6326, 6.0272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 5.5937, 9.8397, 6.0193 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(0, 102, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 61)  
}
```

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(0, 102, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 61) }
```

Border

The CSS property to change the border of an element to XYZ 5.5937, 9.8397, 6.0193 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(0, 102, 61) }
```

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

```
.border{ border-color:rgb(0, 102, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 61);  
box-shadow:4px 4px 4px 4px rgb(0, 102, 61)  
}
```


Background

The CSS property to change the background color of an element to XYZ 5.5937, 9.8397, 6.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 61) }
```

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

```
.background{ background-color: rgb(0, 102,  
61) }
```

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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