

Converting Colors

XYZ(25.1134, 33.6792, 16.5408)

Have a look what the booklet for
XYZ(25.1134, 33.6792, 16.5408)
contains.

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Color

**XYZ(25.0980, 33.7510,
16.5011)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA961
RGB	127, 169, 97
RGB Percent	50%, 66%, 38%
CMY	0.5020, 0.3372, 0.6196
CMYK	0.25, 0.00, 0.43, 0.34
HSL	95°, 30%, 52%
HSV	95°, 43%, 66%
XYZ	25.0980, 33.7510, 16.5011
YIQ	148.2340, -1.9200, -31.2960

Conversions

Conversions Part 2

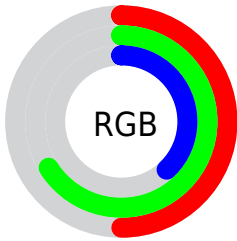
Format	Color
RYB	97, 169, 139
Decimal	8366433
CIELab	64.76, -27.35, 32.62
CIELCh	65, 42.565, 129.974
Yxy	33.7510, 0.3331, 0.4479
Android (android.graphics.Color)	4286556513 (0xFF7FA961)
YUV	148.2340, -25.2584, -18.6222
Hunter-Lab	58.0956, -24.5532, 23.8266

Details

The XYZ color **25.0980, 33.7510, 16.5011** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.0851, 16.9040, 39.6367**, and the grayscale version is **28.3495, 29.8259, 32.4804**.

A 20% lighter version of the original color is **51.1365, 65.3050, 38.3437**, and **9.8962, 14.4808, 5.1792** is the 20% darker color. If you saturate the color by 10%, you get **22.9955, 32.7497, 12.7185**, and if you desaturate by 10%, it is **27.5139, 34.8965, 21.1761**.

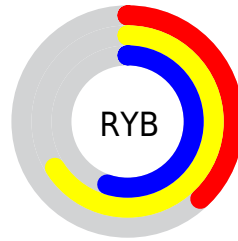
Distribution



Red (50%)

Green (66%)

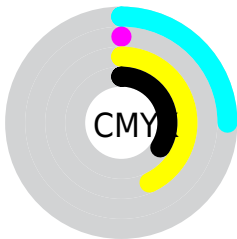
Blue (38%)



Red (38%)

Yellow (66%)

Blue (55%)

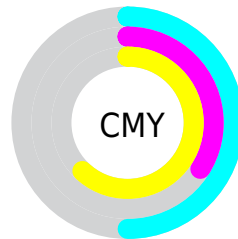


Cyan (25%)

Magenta (0%)

Yellow (43%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0980, 33.7510, 16.5011 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 25.0980, 33.7510, 16.5011 by changing the saturation by 10% instead.

■ 25.0980, 33.7510,
16.5011

■ 25.0980, 33.7510,
16.5011

270.6643,
319.0203, 244.2266

■ 16.2792, 22.7024,
9.7213

■ 51.2579, 65.5463,
38.2448

■ 9.8140, 14.3739,
5.1114

■ 69.3297, 87.0617,
54.0457

■ 5.3372, 8.3812,
2.2529

■ 91.2166, 112.8349,
73.6908

■ 2.4832, 4.3398,
0.7046

■ 117.2839,
143.2501, 97.5985

■ 0.8868, 1.8654,
0.0000

147.8970,
178.6919, 126.1874

■ 0.0000, 0.5275,
0.0000

183.4211,

■ 0.0000, 0.0000,

219.5446, 159.8760

0.0000

224.2218,
266.1926, 199.0829

■ 25.0980, 33.7510,
16.5011

■ 25.0980, 33.7510,
16.5011

■ 22.9955, 32.7497,
12.7185

■ 27.5139, 34.8965,
21.1761

■ 21.1888, 31.8817,
9.7692

■ 30.2542, 36.1877,
26.7931

■ 19.6627, 31.1416,
7.5906


■ 33.3329, 37.6318,
33.4008


■ 18.3987, 30.5215,
6.1101


■ 36.7618, 39.2338,
41.0438

■ 17.3758, 30.0123,
5.2413


■ 40.5525, 40.9989,
49.7640

 16.7442, 29.6948,
4.8492

 44.7159, 42.9318,
59.6009

 49.2624, 45.0370,
70.5922

 54.2019, 47.3189,
82.7736

 59.5441, 49.7818,
96.1794

Harmonies

Analogous

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



30.0841, 33.7510, 12.5482



25.0980, 33.7510, 16.5011



22.2452, 33.7510, 26.3748

Triad

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



25.0980, 33.7510, 16.5011



28.2162, 33.7510, 78.3747



45.1200, 33.7510, 31.2157

Complementary

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



25.0980, 33.7510, 16.5011



22.0851, 16.9040, 39.6367

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.



44.4534, 33.7510, 49.5394



25.0980, 33.7510, 16.5011



34.1609, 33.7510, 80.9340

Square

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



25.0980, 33.7510, 16.5011



23.8805, 33.7510, 62.9290



40.2482, 33.7510, 69.0960



41.9680, 33.7510, 19.0723

Rectangle

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



25.0980, 33.7510, 16.5011



21.6925, 33.7510, 36.7340



40.2482, 33.7510, 69.0960



45.3436, 33.7510, 36.7642

Sweetspot

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



25.0988, 33.7525, 16.5018



59.3293, 67.2221, 59.0179



27.7538, 27.7647, 15.2061



12.6657, 14.5271, 12.2860



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.0988, 33.7525, 16.5018



41.4245, 58.7662, 23.1960



21.5670, 31.8982, 17.8528



7.7218, 8.5547, 8.0335



12.5370, 22.1603, 3.6166



0.3637, 0.5694, 0.0907

Inverse Universe

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



22.0851, 16.9040, 39.6367



35.2992, 24.5917, 70.1113



27.2491, 19.6297, 37.0048



7.5353, 7.5085, 9.4705



9.2010, 4.1267, 28.2871



0.2801, 0.1294, 0.6909

Previews

White Background



This preview shows how the XYZ color 25.0980, 33.7510, 16.5011 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 25.0980, 33.7510, 16.5011 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 25.0980, 33.7510, 16.5011

Background



This preview shows how black text looks on a background with the XYZ color 25.0980, 33.7510, 16.5011.



This preview shows how white text looks on a background with the XYZ color 25.0980, 33.7510,

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

25.0980, 33.7510, 16.5011

Protanopia

30.7833, 33.5446, 14.9775

Deuteranopia

33.9943, 33.4436, 16.9755



Tritanopia

30.7611, 33.6477, 44.4085

Trichromacy



Original Color

25.0980, 33.7510, 16.5011

Protanomaly

28.2828, 33.2665, 15.5201

Deuteranomaly

30.0831, 33.1410, 16.8679

Tritanomaly

28.1997, 33.3896, 31.7466

Monochromacy



Original Color

25.0980, 33.7510, 16.5011

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.6661, 30.9374, 25.3349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0980, 33.7510, 16.5011 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, 169, 97)` looks like.

```
.text, #text, p{  
    color:rgb(127, 169, 97)  
}
```

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, 169, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 169, 97) }
```

Border

The CSS property to change the border of an element to XYZ 25.0980, 33.7510, 16.5011 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, 169, 97) }
```


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

```
.border{ border-color:rgb(127, 169, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 169, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 169, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 169, 97);  
box-shadow:4px 4px 4px 4px rgb(127, 169,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0980, 33.7510, 16.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 169, 97) }
```

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

```
.background{ background-color: rgb(127,  
169, 97) }
```

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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