

Converting Colors

XYZ(25.3982, 33.2411, 19.0003)

Have a look what the booklet for
XYZ(25.3982, 33.2411, 19.0003)
contains.

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Color

**XYZ(25.3746, 33.2882,
18.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	80A76B
RGB	128, 167, 107
RGB Percent	50%, 65%, 42%
CMY	0.4980, 0.3451, 0.5804
CMYK	0.23, 0.00, 0.36, 0.35
HSL	99°, 25%, 54%
HSV	99°, 36%, 65%
XYZ	25.3746, 33.2882, 18.9978
YIQ	148.4990, -3.9840, -26.9280

Conversions

Conversions Part 2

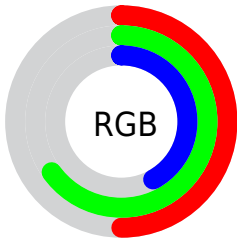
Format	Color
RYB	107, 167, 146
Decimal	8431467
CIELab	64.39, -24.57, 26.85
CIELCh	64, 36.398, 132.462
Yxy	33.2882, 0.3267, 0.4286
Android (android.graphics.Color)	4286621547 (0xFF80A76B)
YUV	148.4990, -20.4590, -17.9776
Hunter-Lab	57.6959, -22.4638, 20.8645

Details

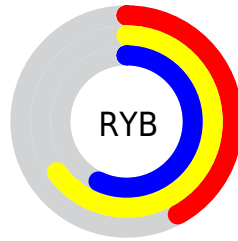
The XYZ color **25.3746, 33.2882, 18.9978** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.0884, 19.4175, 39.0395**, and the grayscale version is **28.4417, 29.9229, 32.5861**.

A 20% lighter version of the original color is **51.6707, 64.6908, 42.5641**, and **9.9807, 14.1550, 6.3438** is the 20% darker color. If you saturate the color by 10%, you get **23.0332, 32.1741, 14.7365**, and if you desaturate by 10%, it is **28.0621, 34.5632, 24.1625**.

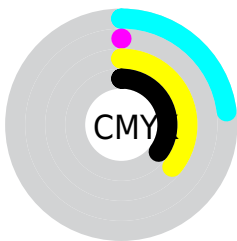
Distribution



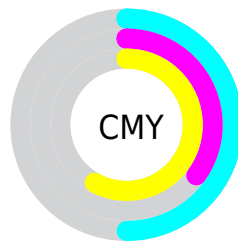
- Red (50%)
- Green (65%)
- Blue (42%)



- Red (42%)
- Yellow (65%)
- Blue (57%)



- Cyan (23%)
- Magenta (0%)
- Yellow (36%)
- Black (35%)



- Cyan (50%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3746, 33.2882, 18.9978 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 25.3746, 33.2882, 18.9978 by changing the saturation by 10% instead.

■ 25.3746, 33.2882,
18.9978

■ 25.3746, 33.2882,
18.9978

272.0117,
316.9464, 258.8589

■ 16.4866, 22.3473,
11.4919

■ 51.7028, 64.8252,
42.5670

■ 9.9621, 14.1123,
6.2804

■ 69.8737, 86.1901,
59.4674

■ 5.4359, 8.1988,
2.9448

■ 91.8696, 111.7985,
80.3364

■ 2.5426, 4.2224,
1.0665

■ 118.0559,
142.0348, 105.5925

■ 0.9168, 1.7988,
0.0000

148.7979,
177.2833, 135.6543

■ 0.0000, 0.4864,
0.0000

184.4610,

■ 0.0000, 0.0000,

217.9285, 170.9402

0.0000

225.4104,
264.3547, 211.8690

■ 25.3746, 33.2882,
18.9978

■ 25.3746, 33.2882,
18.9978

■ 23.0332, 32.1741,
14.7365

■ 28.0621, 34.5632,
24.1625

■ 21.0202, 31.2098,
11.3245

■ 31.1075, 36.0010,
30.2762

■ 19.3198, 30.3894,
8.7054


■ 34.5250, 37.6090,
37.3840


■ 17.9138, 29.7049,
6.8149


■ 38.3273, 39.3928,
45.5275


■ 16.7817, 29.1475,
5.5787

■ 42.5264, 41.3578,
54.7459


 15.8979, 28.7061,
4.8982

 47.1339, 43.5092,
65.0763

 15.5903, 28.5518,
4.6894

 52.1606, 45.8517,
76.5543

 57.6173, 48.3902,
89.2135

 63.1407, 50.9798,
101.1199

Harmonies

Analogous

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



29.5363, 33.2882, 14.9023



25.3746, 33.2882, 18.9978



23.0531, 33.2882, 28.3039

Triad

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



25.3746, 33.2882, 18.9978



28.7292, 33.2882, 70.8578



42.4072, 33.2882, 30.4260

Complementary

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



25.3746, 33.2882, 18.9978



24.0884, 19.4175, 39.0395

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.



42.1300, 33.2882, 45.5481



25.3746, 33.2882, 18.9978



33.8401, 33.2882, 71.8859

Square

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



25.3746, 33.2882, 18.9978



24.8395, 33.2882, 59.1412



38.8589, 33.2882, 61.6540



39.5792, 33.2882, 20.1840

Rectangle

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



25.3746, 33.2882, 18.9978



22.6873, 33.2882, 37.4858



38.8589, 33.2882, 61.6540



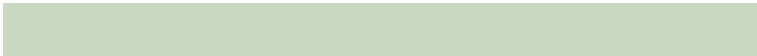
42.6822, 33.2882, 35.0323

Sweetspot

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



25.3754, 33.2896, 18.9985



58.5188, 65.7954, 60.0135



28.8705, 29.8362, 18.1477



12.9199, 14.6412, 13.0660



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.



25.3754, 33.2896, 18.9985



42.1001, 58.0251, 27.9001



23.0356, 32.0258, 21.4911



7.6752, 8.5307, 8.0313



11.9780, 21.8721, 3.5904



0.3466, 0.5606, 0.0899

Inverse Universe

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



24.0884, 19.4175, 39.0395



39.4421, 29.5057, 69.0916



27.3669, 21.2004, 34.9991



7.5833, 7.5333, 9.4727



10.1762, 4.6294, 28.3327



0.2997, 0.1395, 0.6918

Previews

White Background



This preview shows how the XYZ color 25.3746, 33.2882, 18.9978 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 25.3746, 33.2882, 18.9978 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 25.3746, 33.2882, 18.9978

Background



This preview shows how black text looks on a background with the XYZ color 25.3746, 33.2882, 18.9978.



This preview shows how white text looks on a background with the XYZ color 25.3746, 33.2882,

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

25.3746, 33.2882, 18.9978

Protanopia

30.6489, 33.1713, 17.3577

Deuteranopia

33.6243, 32.9569, 19.6280



Tritanopia

30.3258, 33.1781, 43.8354

Trichromacy



Original Color

25.3746, 33.2882, 18.9978

Protanomaly

28.3959, 33.0111, 17.9719

Deuteranomaly

30.0128, 32.7952, 19.5001

Tritanomaly

28.0971, 33.0471, 32.9148

Monochromacy



Original Color

25.3746, 33.2882, 18.9978

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1760, 31.1609, 27.1366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3746, 33.2882, 18.9978 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(128, 167, 107)` looks like.

```
.text, #text, p{  
    color:rgb(128, 167, 107)  
}
```

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(128, 167, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 167, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.3746, 33.2882, 18.9978 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(128, 167, 107) }
```


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

```
.border{ border-color:rgb(128, 167, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 167, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 167, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 167, 107);  
box-shadow:4px 4px 4px 4px rgb(128, 167,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3746, 33.2882, 18.9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 167, 107) }
```

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

```
.background{ background-color: rgb(128,  
167, 107) }
```

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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