

Converting Colors

XYZ(25.2397, 28.2051, 18.8176)

Have a look what the booklet for
XYZ(25.2397, 28.2051, 18.8176)
contains.

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Color

**XYZ(25.2808, 28.1963,
18.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	93936E
RGB	147, 147, 110
RGB Percent	58%, 58%, 43%
CMY	0.4235, 0.4235, 0.5686
CMYK	0.00, 0.00, 0.25, 0.42
HSL	60°, 15%, 50%
HSV	60°, 25%, 58%
XYZ	25.2808, 28.1963, 18.8618
YIQ	142.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

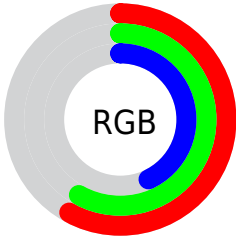
Format	Color
RYB	110, 147, 110
Decimal	9671534
CIELab	60.07, -6.32, 19.66
CIELCh	60, 20.647, 107.810
Yxy	28.1963, 0.3495, 0.3898
Android (android.graphics.Color)	4287861614 (0xFF93936E)
YUV	142.7820, -16.1615, 3.6992
Hunter-Lab	53.1002, -7.9422, 16.1096

Details

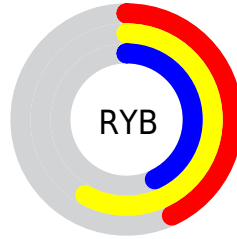
The XYZ color **25.2808, 28.1963, 18.8618** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.2739, 16.5742, 29.8941**, and the grayscale version is **26.0812, 27.4394, 29.8815**.

A 20% lighter version of the original color is **51.4956, 56.7994, 42.4317**, and **9.9681, 11.3840, 6.2294** is the 20% darker color. If you saturate the color by 10%, you get **24.5460, 27.9033, 14.9905**, and if you desaturate by 10%, it is **26.1499, 28.5449, 23.4337**.

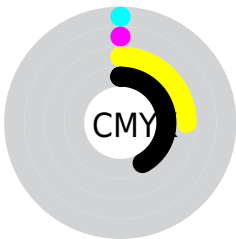
Distribution



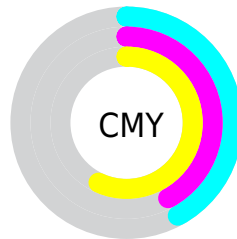
- Red (58%)
- Green (58%)
- Blue (43%)



- Red (43%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2808, 28.1963, 18.8618 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 25.2808, 28.1963, 18.8618 by changing the saturation by 10% instead.

■ 25.2808, 28.1963,
18.8618

■ 25.2808, 28.1963,
18.8618

271.5554,
293.4037, 258.0820

■ 16.4162, 18.4737,
11.3947

■ 51.5520, 56.7977,
42.3340

■ 9.9119, 11.2906,
6.2154

■ 69.6894, 76.4453,
59.1762

■ 5.4024, 6.2627,
2.9056

■ 91.6484, 100.1699,
79.9805

■ 2.5224, 3.0054,
1.0466

■ 117.7944,
128.3561, 105.1653

■ 0.9066, 1.1346,
0.0000

148.4927,
161.3882, 135.1494

■ 0.0000, 0.0073,
0.0000

184.1087,

■ 0.0000, 0.0000,

199.6505, 170.3512

0.0000

225.0079,
243.5276, 211.1892

■ 25.2808, 28.1963,
18.8618

■ 25.2808, 28.1963,
18.8618

■ 24.5460, 27.9033,
14.9905

■ 26.1499, 28.5449,
23.4337

■ 23.9367, 27.6596,
11.7835

■ 27.1572, 28.9479,
28.7366

■ 23.4466, 27.4635,
9.2040

■ 28.3091, 29.4087,
34.8010

■ 23.0678, 27.3120,
7.2110

■ 29.6110, 29.9295,
41.6554

■ 22.7917, 27.2015,
5.7585

■ 31.0681, 30.5124,
49.3269

■ 22.6082, 27.1280,
4.7936

■ 32.6852, 31.1592,
57.8410

■ 22.5039, 27.0863,
4.2459

■ 34.4670, 31.8720,
67.2223

■ 22.4649, 27.0707,
4.0411

■ 36.4179, 32.6524,
77.4943

■ 38.5423, 33.5022,
88.6798

Harmonies

Analogous

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



27.8831, 28.1963, 18.5971



25.2808, 28.1963, 18.8618



23.2208, 28.1963, 21.9563

Triad

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



25.2808, 28.1963, 18.8618



23.5413, 28.1963, 42.7462



32.0594, 28.1963, 33.8655

Complementary

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



25.2808, 28.1963, 18.8618



17.2739, 16.5742, 29.8941

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.



30.7287, 28.1963, 41.5048



25.2808, 28.1963, 18.8618



25.7448, 28.1963, 47.1668

Square

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



25.2808, 28.1963, 18.8618



22.2627, 28.1963, 35.3530



28.3783, 28.1963, 46.6785



31.9148, 28.1963, 26.4761

Rectangle

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



25.2808, 28.1963, 18.8618



22.3798, 28.1963, 25.5439



28.3783, 28.1963, 46.6785



31.7664, 28.1963, 36.5093

Sweetspot

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



25.2815, 28.1976, 18.8624



48.0653, 51.6119, 48.4772



20.4239, 18.4814, 17.2430



10.9134, 11.7583, 10.7563



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.2815, 28.1976, 18.8624



44.5270, 50.1965, 29.8506



22.2268, 26.6228, 18.7194



6.2654, 6.7446, 6.2121



19.4748, 23.4675, 3.5032



0.2384, 0.2872, 0.0429

Inverse Universe

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



17.2739, 16.5742, 29.8941



27.7519, 25.8468, 52.9608



19.8207, 17.8871, 30.0133



5.4995, 5.6330, 7.2672



4.5659, 1.8264, 24.0429



0.0559, 0.0224, 0.2943

Previews

White Background



This preview shows how the XYZ color 25.2808, 28.1963, 18.8618 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2808, 28.1963, 18.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

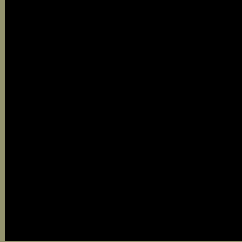
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

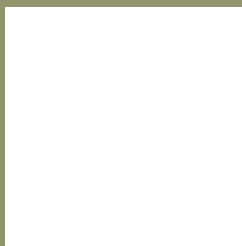
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2808, 28.1963, 18.8618

Background



This preview shows how black text looks on a background with the XYZ color 25.2808, 28.1963, 18.8618.



This preview shows how white text looks on a background with the XYZ color 25.2808, 28.1963,

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

25.2808, 28.1963, 18.8618

Protanopia

26.2511, 28.0192, 18.4927

Deuteranopia

28.7348, 28.1811, 19.2542



Tritanopia

28.2235, 28.0251, 34.0588

Trichromacy



Original Color

25.2808, 28.1963, 18.8618

Protanomaly

25.8346, 28.0303, 18.5168

Deuteranomaly

27.4425, 28.1751, 19.0309

Tritanomaly

26.9155, 27.9351, 27.6403

Monochromacy



Original Color

25.2808, 28.1963, 18.8618

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.5716, 27.5145, 25.4358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2808, 28.1963, 18.8618 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(147, 147, 110)` looks like.

```
.text, #text, p{  
    color:rgb(147, 147, 110)  
}
```

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(147, 147, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 147, 110) }
```

Border

The CSS property to change the border of an element to XYZ 25.2808, 28.1963, 18.8618 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(147, 147, 110) }
```


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

```
.border{ border-color:rgb(147, 147, 110) }
```

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

Here you see how a box with a 4 pixel rgb(147, 147, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 147, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 147, 110);  
box-shadow:4px 4px 4px 4px rgb(147, 147,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2808, 28.1963, 18.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 147, 110) }
```

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

```
.background{ background-color: rgb(147,  
147, 110) }
```

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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