

Converting Colors

XYZ(25.8748, 29.7469, 16.1824)

Have a look what the booklet for
XYZ(25.8748, 29.7469, 16.1824)
contains.

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Color

**XYZ(25.8748, 29.7469,
16.1824)**

Conversions

Conversions Part 1

Format	Color
Hex	959863
RGB	149, 152, 99
RGB Percent	58%, 60%, 39%
CMY	0.4157, 0.4039, 0.6118
CMYK	0.02, 0.00, 0.35, 0.40
HSL	63°, 21%, 49%
HSV	63°, 35%, 60%
XYZ	25.8748, 29.7469, 16.1824
YIQ	145.0610, 15.2250, -17.1190

Conversions

Conversions Part 2

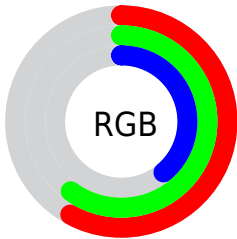
Format	Color
R_{YB}	99, 152, 102
Decimal	9803875
CIE _{Lab}	61.44, -9.72, 27.57
CIE _{LCh}	61, 29.233, 109.420
Yxy	29.7469, 0.3604, 0.4143
Android (android.graphics.Color)	4287993955 (0xFF959863)
YUV	145.0610, -22.7081, 3.4545
Hunter-Lab	54.5407, -10.7636, 20.5870

Details

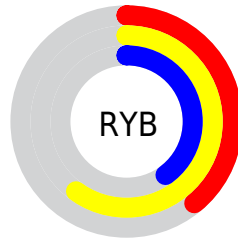
The XYZ color **25.8748, 29.7469, 16.1824** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.6100, 14.0163, 31.5902**, and the grayscale version is **27.0241, 28.4315, 30.9619**.

A 20% lighter version of the original color is **52.4782, 59.1820, 37.5115**, and **10.1810, 12.0878, 4.9285** is the 20% darker color. If you saturate the color by 10%, you get **25.0592, 29.4036, 12.7015**, and if you desaturate by 10%, it is **26.8299, 30.1482, 20.3851**.

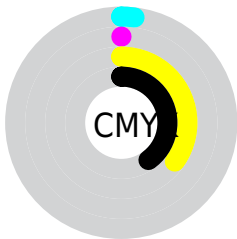
Distribution



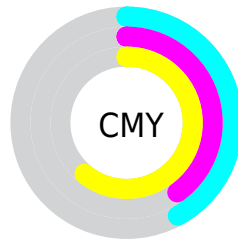
- Red (58%)
- Green (60%)
- Blue (39%)



- Red (39%)
- Yellow (60%)
- Blue (40%)



- Cyan (2%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8748, 29.7469, 16.1824 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 25.8748, 29.7469, 16.1824 by changing the saturation by 10% instead.

■ 25.8748, 29.7469,
16.1824

■ 25.8748, 29.7469,
16.1824

274.4349,
300.7229, 242.2980

■ 16.8622, 19.6466,
9.4976

■ 52.5056, 59.2617,
37.6858

■ 10.2310, 12.1384,
4.9659

■ 70.8546, 79.4449,
53.3414

■ 5.6158, 6.8380,
2.1689

■ 93.0463, 103.7579,
72.8243

■ 2.6513, 3.3610,
0.6563

■ 119.4463,
132.5850, 96.5531

■ 0.9722, 1.3230,
0.0000

150.4198,
166.3107, 124.9464

■ 0.0000, 0.1589,
0.0000

186.3321,

■ 0.0000, 0.0000,

205.3193, 158.4226

0.0000

227.5487,
249.9952, 197.4002

■ 25.8748, 29.7469,
16.1824

■ 25.8748, 29.7469,
16.1824

■ 25.0592, 29.4036,
12.7015

■ 26.8299, 30.1482,
20.3851

■ 24.3731, 29.1112,
9.8999

■ 27.9293, 30.6063,
25.3450

■ 23.8088, 28.8677,
7.7338

■ 29.1804, 31.1253,
31.0977

■ 23.3569, 28.6692,
6.1534

■ 30.5894, 31.7075,
37.6755

■ 23.0065, 28.5115,
5.1013

■ 32.1621, 32.3554,
45.1095

■ 22.7437, 28.3890,
4.5049

■ 33.9041, 33.0711,
53.4287

■ 22.6240, 28.3322,
4.2762

■ 35.8207, 33.8567,
62.6611

■ 37.9169, 34.7144,
72.8331

■ 40.1976, 35.6460,
83.9705

Harmonies

Analogous

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



29.6596, 29.7469, 15.6539



25.8748, 29.7469, 16.1824



22.9984, 29.7469, 20.4270

Triad

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



25.8748, 29.7469, 16.1824



23.7111, 29.7469, 51.3841



36.2228, 29.7469, 36.4550

Complementary

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



25.8748, 29.7469, 16.1824



15.6100, 14.0163, 31.5902

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.



34.2993, 29.7469, 48.2943



25.8748, 29.7469, 16.1824



26.9313, 29.7469, 58.1275

Square

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



25.8748, 29.7469, 16.1824



21.8301, 29.7469, 39.9906



30.8161, 29.7469, 56.8831



35.8744, 29.7469, 25.8180

Rectangle

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



25.8748, 29.7469, 16.1824



21.8735, 29.7469, 25.4714



30.8161, 29.7469, 56.8831



35.8141, 29.7469, 40.4585

Sweetspot

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



25.8755, 29.7482, 16.1830



50.2934, 54.4346, 49.3024



19.9191, 17.0111, 14.0385



11.3669, 12.3457, 10.9116



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.8755, 29.7482, 16.1830



44.5059, 52.0144, 23.5788



21.6284, 27.5588, 15.9843



6.6743, 7.2051, 6.6448



18.9775, 23.7592, 3.5858



0.2928, 0.3599, 0.0540

Inverse Universe

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



15.6100, 14.0163, 31.5902



23.5549, 19.9004, 55.0334



19.0550, 15.7922, 31.7514



5.9153, 6.0422, 7.7835



4.8516, 1.9521, 25.0288



0.0801, 0.0331, 0.3745

Previews

White Background



This preview shows how the XYZ color 25.8748, 29.7469, 16.1824 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 25.8748, 29.7469, 16.1824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

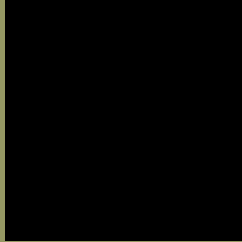
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8748, 29.7469, 16.1824

Background



This preview shows how black text looks on a background with the XYZ color 25.8748, 29.7469, 16.1824.



This preview shows how white text looks on a background with the XYZ color 25.8748, 29.7469,

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

25.8748, 29.7469, 16.1824

Protanopia

27.4455, 29.6199, 15.5799

Deuteranopia

30.1534, 29.6327, 16.4423



Tritanopia

29.8365, 29.7190, 35.6163

Trichromacy



Original Color

25.8748, 29.7469, 16.1824

Protanomaly

26.8567, 29.5448, 15.8425

Deuteranomaly

28.5155, 29.6934, 16.2851

Tritanomaly

28.0999, 29.7014, 27.1736

Monochromacy



Original Color

25.8748, 29.7469, 16.1824

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3402, 28.8493, 24.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8748, 29.7469, 16.1824 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(149, 152, 99)` looks like.

```
.text, #text, p{  
    color:rgb(149, 152, 99)  
}
```

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(149, 152, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 152, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.8748, 29.7469, 16.1824 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(149, 152, 99) }
```


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

```
.border{ border-color:rgb(149, 152, 99) }
```

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

Here you see how a box with a 4 pixel rgb(149, 152, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 152, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 152, 99);  
box-shadow:4px 4px 4px 4px rgb(149, 152,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8748, 29.7469, 16.1824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 152, 99) }
```

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

```
.background{ background-color: rgb(149,  
152, 99) }
```

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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