

Converting Colors

XYZ(26.6313, 28.6236, 15.1488)

Have a look what the booklet for
XYZ(26.6313, 28.6236, 15.1488)
contains.

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Color

**XYZ(26.5348, 28.4663,
15.1623)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9160
RGB	159, 145, 96
RGB Percent	62%, 57%, 38%
CMY	0.3765, 0.4314, 0.6235
CMYK	0.00, 0.09, 0.40, 0.38
HSL	47°, 25%, 50%
HSV	47°, 40%, 62%
XYZ	26.5348, 28.4663, 15.1623
YIQ	143.6000, 24.0730, -12.2710

Conversions

Conversions Part 2

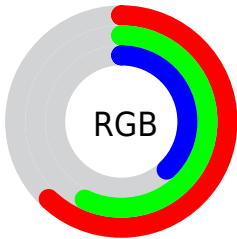
Format	Color
RYB	114, 159, 96
Decimal	10457440
CIELab	60.31, -2.13, 27.90
CIELCh	60, 27.981, 94.360
Yxy	28.4663, 0.3782, 0.4057
Android (android.graphics.Color)	4288647520 (0xFF9F9160)
YUV	143.6000, -23.4668, 13.5058
Hunter-Lab	53.3538, -4.5946, 20.4984

Details

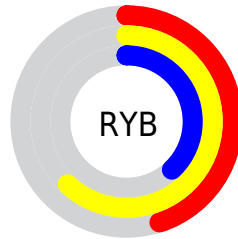
The XYZ color **26.5348, 28.4663, 15.1623** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6576, 16.1413, 35.0385**, and the grayscale version is **26.4336, 27.8102, 30.2853**.

A 20% lighter version of the original color is **53.7142, 57.4005, 35.8521**, and **10.5904, 11.4703, 4.5616** is the 20% darker color. If you saturate the color by 10%, you get **25.3444, 27.1409, 11.5120**, and if you desaturate by 10%, it is **27.8915, 29.8871, 19.5992**.

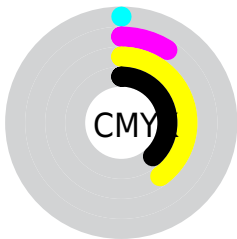
Distribution



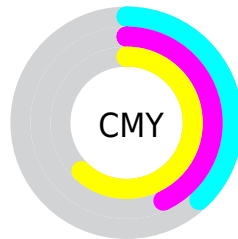
- Red (62%)
- Green (57%)
- Blue (38%)



- Red (45%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (40%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5348, 28.4663, 15.1623 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 26.5348, 28.4663, 15.1623 by changing the saturation by 10% instead.

■ 26.5348, 28.4663,
15.1623

■ 26.5348, 28.4663,
15.1623

277.6064,
294.6884, 236.0210

■ 17.3589, 18.6775,
8.7855

■ 53.5616, 57.2281,
35.8840

■ 10.5876, 11.4375,
4.5066

■ 72.1433, 76.9698,
51.0659

■ 5.8555, 6.3619,
1.9072

■ 94.5910, 100.7979,
70.0200

■ 2.7972, 3.0664,
0.4973

■ 121.2700,
129.0968, 93.1647

■ 1.0475, 1.1665,
0.0000

152.5456,
162.2509, 120.9186

■ 0.0000, 0.0341,
0.0000

188.7834,

■ 0.0000, 0.0000,

200.6446, 153.7003

0.0000

230.3485,
244.6623, 191.9282

■ 26.5348, 28.4663,
15.1623

■ 26.5348, 28.4663,
15.1623

■ 25.3444, 27.1409,
11.5120

■ 27.8915, 29.8871,
19.5992

■ 24.3091, 25.9031,
8.5992

■ 29.4207, 31.4031,
24.8643

■ 23.4193, 24.7499,
6.3719

■ 31.1309, 33.0187,
30.9985

■ 22.6638, 23.6765,
4.7708

■ 33.0295, 34.7373,
38.0393

■ 22.0291, 22.6773,
3.7262

■ 35.1232, 36.5617,
46.0220

■ 21.4853, 21.7401,
3.0811

■ 37.4185, 38.4947,
54.9801

■ 21.4653, 21.7054,
3.0582

■ 39.9216, 40.5391,
64.9455

■ 42.6385, 42.6975,
75.9485

■ 45.5747, 44.9722,
88.0183

Harmonies

Analogous

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



30.1557, 28.4663, 16.3663



26.5348, 28.4663, 15.1623



23.3433, 28.4663, 17.3682

Triad

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



26.5348, 28.4663, 15.1623



21.7470, 28.4663, 43.5496



33.7712, 28.4663, 40.3640

Complementary

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



26.5348, 28.4663, 15.1623



16.6576, 16.1413, 35.0385

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.



31.1437, 28.4663, 50.3540



26.5348, 28.4663, 15.1623



24.1770, 28.4663, 52.4604

Square

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



26.5348, 28.4663, 15.1623



20.7387, 28.4663, 32.5228



27.5847, 28.4663, 55.1908



34.5421, 28.4663, 29.5157

Rectangle

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



26.5348, 28.4663, 15.1623



21.8236, 28.4663, 20.8408



27.5847, 28.4663, 55.1908



33.0651, 28.4663, 44.0052

Sweetspot

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



26.5355, 28.4676, 15.1629



54.9225, 58.3620, 52.4985



21.3339, 16.8780, 17.0861



12.2974, 13.0782, 11.5297



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.5355, 28.4676, 15.1629



45.5315, 48.7701, 21.0360



25.6992, 31.4093, 15.7748



7.0451, 7.4702, 7.0562



16.9858, 17.2073, 2.4261



0.3322, 0.3646, 0.0529

Inverse Universe

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



16.6576, 16.1413, 35.0385



25.2271, 23.4485, 61.9398



17.2255, 14.3667, 34.6660



6.3983, 6.6624, 8.3554



5.4519, 2.9953, 26.1980



0.1253, 0.1091, 0.4777

Previews

White Background



This preview shows how the XYZ color 26.5348, 28.4663, 15.1623 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 26.5348, 28.4663, 15.1623 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 26.5348, 28.4663, 15.1623

Background



This preview shows how black text looks on a background with the XYZ color 26.5348, 28.4663, 15.1623.



This preview shows how white text looks on a background with the XYZ color 26.5348, 28.4663,

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

26.5348, 28.4663, 15.1623

Protanopia

26.3373, 28.3644, 15.1531

Deuteranopia

28.8458, 28.3270, 15.2566



Tritanopia

30.0303, 28.3462, 32.3224

Trichromacy



Original Color

26.5348, 28.4663, 15.1623

Protanomaly

26.3373, 28.3644, 15.1531

Deuteranomaly

28.0447, 28.3478, 15.3028

Tritanomaly

28.6584, 28.4480, 25.0996

Monochromacy



Original Color

26.5348, 28.4663, 15.1623

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1985, 27.8684, 24.0770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5348, 28.4663, 15.1623 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(159, 145, 96)` looks like.

```
.text, #text, p{  
    color:rgb(159, 145, 96)  
}
```

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(159, 145, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 145, 96) }
```

Border

The CSS property to change the border of an element to XYZ 26.5348, 28.4663, 15.1623 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(159, 145, 96) }
```


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

```
.border{ border-color:rgb(159, 145, 96) }
```

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

Here you see how a box with a 4 pixel rgb(159, 145, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 145, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 145, 96);  
box-shadow:4px 4px 4px 4px rgb(159, 145,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5348, 28.4663, 15.1623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 145, 96) }
```

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

```
.background{ background-color: rgb(159,  
145, 96) }
```

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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