

Converting Colors

XYZ(25.9190, 28.1178, 15.6182)

Have a look what the booklet for
XYZ(25.9190, 28.1178, 15.6182)
contains.

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Color

**XYZ(25.8476, 28.1012,
15.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9162
RGB	155, 145, 98
RGB Percent	61%, 57%, 38%
CMY	0.3922, 0.4314, 0.6157
CMYK	0.00, 0.06, 0.37, 0.39
HSL	49°, 23%, 50%
HSV	49°, 37%, 61%
XYZ	25.8476, 28.1012, 15.6170
YIQ	142.6320, 21.0470, -12.4970

Conversions

Conversions Part 2

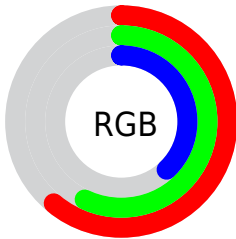
Format	Color
R_{YB}	110, 155, 98
Decimal	10195298
CIE Lab	59.98, -3.56, 26.31
CIE LCh	60, 26.549, 97.708
Yxy	28.1012, 0.3716, 0.4040
Android (android.graphics.Color)	4288385378 (0xFF9B9162)
YUV	142.6320, -22.0036, 10.8467
Hunter-Lab	53.0106, -5.7331, 19.6405

Details

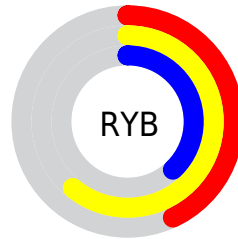
The XYZ color **25.8476, 28.1012, 15.6170** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.3159, 15.6879, 33.1786**, and the grayscale version is **26.0413, 27.3975, 29.8359**.

A 20% lighter version of the original color is **52.4266, 56.7184, 36.6183**, and **10.2833, 11.3070, 4.7725** is the 20% darker color. If you saturate the color by 10%, you get **24.7753, 27.0166, 11.9920**, and if you desaturate by 10%, it is **27.0730, 29.2650, 19.9930**.

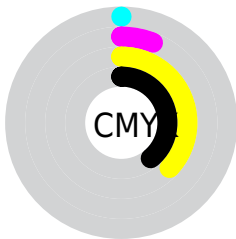
Distribution



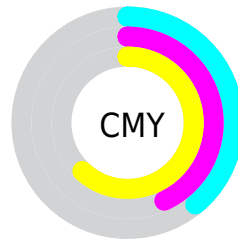
- Red (61%)
- Green (57%)
- Blue (38%)



- Red (43%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (37%)
- Black (39%)



- Cyan (39%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8476, 28.1012, 15.6170 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 25.8476, 28.1012, 15.6170 by changing the saturation by 10% instead.

■ 25.8476, 28.1012,
15.6170

■ 25.8476, 28.1012,
15.6170

274.3036,
292.9502, 238.8390

■ 16.8417, 18.4020,
9.1021

■ 52.4620, 56.6460,
36.6895

■ 10.2163, 11.2390,
4.7101

■ 70.8013, 76.2603,
52.0842

■ 5.6060, 6.2278,
2.0225

■ 92.9825, 99.9484,
71.2760

■ 2.6454, 2.9841,
0.5690

■ 119.3709,
128.0948, 94.6833

■ 0.9691, 1.1234,
0.0000

150.3318,
161.0837, 122.7247

■ 0.0000, 0.0000,
0.0000

186.2307,

199.2997, 155.8188

227.4328,
243.1270, 194.3840

■ 25.8476, 28.1012,
15.6170

■ 25.8476, 28.1012,
15.6170

■ 24.7753, 27.0166,
11.9920

■ 27.0730, 29.2650,
19.9930

■ 23.8458, 26.0038,
9.0728

■ 28.4570, 30.5072,
25.1580

■ 23.0505, 25.0605,
6.8125

■ 30.0074, 31.8321,
31.1496

■ 22.3793, 24.1823,
5.1573

■ 31.7308, 33.2425,
38.0024

■ 21.8202, 23.3645,
4.0452

■ 33.6336, 34.7409,
45.7492

■ 21.3550, 22.5996,
3.3802

■ 35.7216, 36.3299,
54.4207

■ 21.2129, 22.3592,
3.1977

■ 38.0005, 38.0117,
64.0466

■ 40.4757, 39.7888,
74.6550

■ 43.1525, 41.6631,
86.2730

Harmonies

Analogous

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



29.2499, 28.1012, 16.4107



25.8476, 28.1012, 15.6170



22.9301, 28.1012, 18.1135

Triad

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



25.8476, 28.1012, 15.6170



21.8929, 28.1012, 43.4443



33.1816, 28.1012, 38.2105

Complementary

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



25.8476, 28.1012, 15.6170



16.3159, 15.6879, 33.1786

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.



30.8825, 28.1012, 47.8009



25.8476, 28.1012, 15.6170



24.3203, 28.1012, 51.2394

Square

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



25.8476, 28.1012, 15.6170



20.7757, 28.1012, 33.1609



27.5900, 28.1012, 52.9825



33.6772, 28.1012, 28.1696

Rectangle

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



25.8476, 28.1012, 15.6170



21.5861, 28.1012, 21.6962



27.5900, 28.1012, 52.9825



32.5852, 28.1012, 41.6508

Sweetspot

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



25.8483, 28.1025, 15.6176



52.4692, 55.9354, 50.8332



20.6163, 16.7966, 16.4690



11.7978, 12.5937, 11.2031



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.8483, 28.1025, 15.6176



44.7175, 48.7458, 22.6194



24.2345, 29.6388, 15.9992



6.6167, 7.0385, 6.6157



17.0629, 18.0082, 2.5766



0.2765, 0.3120, 0.0457

Inverse Universe

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



16.3159, 15.6879, 33.1786



25.1473, 23.2681, 58.7021



17.4935, 14.8187, 32.9487



5.9677, 6.1928, 7.8098



5.0912, 2.5790, 25.1372



0.0953, 0.0770, 0.3822

Previews

White Background



This preview shows how the XYZ color 25.8476, 28.1012, 15.6170 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 25.8476, 28.1012, 15.6170 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 25.8476, 28.1012, 15.6170

Background



This preview shows how black text looks on a background with the XYZ color 25.8476, 28.1012, 15.6170.



This preview shows how white text looks on a background with the XYZ color 25.8476, 28.1012,

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

25.8476, 28.1012, 15.6170

Protanopia

26.0825, 27.9965, 15.5844

Deuteranopia

28.5742, 27.9620, 15.6956



Tritanopia

29.3554, 28.2122, 32.3321

Trichromacy



Original Color

25.8476, 28.1012, 15.6170

Protanomaly

25.8882, 27.8963, 15.5753

Deuteranomaly

27.5029, 28.0576, 15.7705

Tritanomaly

27.8522, 28.0324, 25.0619

Monochromacy



Original Color

25.8476, 28.1012, 15.6170

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8366, 27.6819, 24.0601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8476, 28.1012, 15.6170 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(155, 145, 98)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 98)  
}
```

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(155, 145, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 98) }
```

Border

The CSS property to change the border of an element to XYZ 25.8476, 28.1012, 15.6170 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(155, 145, 98) }
```


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

```
.border{ border-color:rgb(155, 145, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 145, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 145, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 145, 98);  
box-shadow:4px 4px 4px 4px rgb(155, 145,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8476, 28.1012, 15.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 98) }
```

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

```
.background{ background-color: rgb(155,  
145, 98) }
```

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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