

Converting Colors

XYZ(25.3131, 24.7069, 14.8919)

Have a look what the booklet for
XYZ(25.3131, 24.7069, 14.8919)
contains.

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Color

**XYZ(25.2915, 24.6336,
14.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	A38262
RGB	163, 130, 98
RGB Percent	64%, 51%, 38%
CMY	0.3608, 0.4902, 0.6157
CMYK	0.00, 0.20, 0.40, 0.36
HSL	30°, 26%, 51%
HSV	30°, 40%, 64%
XYZ	25.2915, 24.6336, 14.9770
YIQ	136.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

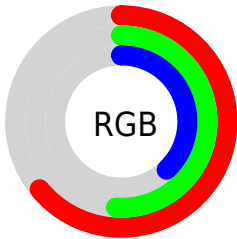
Format	Color
R_{YB}	163, 161, 98
Decimal	10715746
CIE _{Lab}	56.72, 8.17, 22.13
CIE _{LCh}	57, 23.591, 69.749
Yxy	24.6336, 0.3897, 0.3796
Android (android.graphics.Color)	4288905826 (0xFFA38262)
YUV	136.2190, -18.8420, 23.4869
Hunter-Lab	49.6322, 4.1032, 16.8513

Details

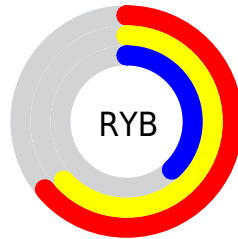
The XYZ color **25.2915, 24.6336, 14.9770** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.7639, 21.4729, 37.7534**, and the grayscale version is **23.5449, 24.7711, 26.9757**.

A 20% lighter version of the original color is **51.5717, 51.0970, 35.5783**, and **9.9704, 9.4389, 4.4284** is the 20% darker color. If you saturate the color by 10%, you get **23.5423, 22.2439, 10.9758**, and if you desaturate by 10%, it is **27.2872, 27.2653, 19.8341**.

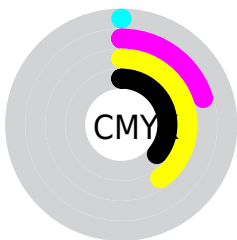
Distribution



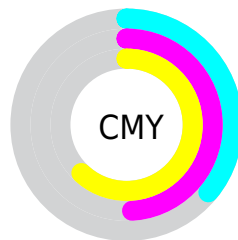
- Red (64%)
- Green (51%)
- Blue (38%)



- Red (64%)
- Yellow (63%)
- Blue (38%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2915, 24.6336, 14.9770 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 25.2915, 24.6336, 14.9770 by changing the saturation by 10% instead.

■ 25.2915, 24.6336,
14.9770

■ 25.2915, 24.6336,
14.9770

271.6075,
276.0083, 234.8629

■ 16.4243, 15.8043,
8.6568

■ 51.5692, 51.0622,
35.5546

■ 9.9176, 9.3858,
4.4243

■ 69.7104, 69.4303,
50.6490

■ 5.4062, 4.9936,
1.8609

■ 91.6736, 91.7467,
69.5053

■ 2.5247, 2.2435,
0.4677

■ 117.8242,
118.3959, 92.5419

■ 0.9077, 0.7436,
0.0000

148.5275,
149.7623, 120.1775

■ 0.0000, 0.0000,
0.0000

184.1489,

186.2302, 152.8304

225.0538,
228.1841, 190.9194

■ 25.2915, 24.6336,
14.9770

■ 25.2915, 24.6336,
14.9770

■ 23.5423, 22.2439,
10.9758

■ 27.2872, 27.2653,
19.8341

■ 22.0261, 20.0849,
7.7780

■ 29.5384, 30.1432,
25.5926

■ 20.7308, 18.1491,
5.3274

■ 32.0557, 33.2754,
32.2964

■ 19.6420, 16.4273,
3.5598

■ 34.8485, 36.6688,
39.9860

■ 18.7434, 14.9090,
2.3999

■ 37.9259, 40.3299,
48.6996

■ 18.0003, 13.5767,
1.6776

■ 41.2964, 44.2649,
58.4734

■ 17.9916, 13.5613,
1.6693

■ 44.9681, 48.4799,
69.3418

■ 48.9488, 52.9806,
81.3376

■ 53.2460, 57.7727,
94.4922

Harmonies

Analogous

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



27.7180, 24.6336, 18.2585



25.2915, 24.6336, 14.9770



22.5296, 24.6336, 14.4959

Triad

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



25.2915, 24.6336, 14.9770



18.5801, 24.6336, 29.4682



26.9593, 24.6336, 40.2282

Complementary

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



25.2915, 24.6336, 14.9770



19.7639, 21.4729, 37.7534

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.



24.3202, 24.6336, 44.6823



25.2915, 24.6336, 14.9770



19.5795, 24.6336, 37.7148

Square

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



25.2915, 24.6336, 14.9770



18.7956, 24.6336, 21.9150



21.6308, 24.6336, 43.6819



28.7319, 24.6336, 32.4113

Rectangle

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



25.2915, 24.6336, 14.9770



20.8870, 24.6336, 15.7070



21.6308, 24.6336, 43.6819



26.1360, 24.6336, 42.2316

Sweetspot

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



25.2921, 24.6348, 14.9775



56.3079, 58.2361, 54.8679



23.6085, 18.1767, 23.9450



12.5201, 12.9231, 11.9840



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.2921, 24.6348, 14.9775



42.4525, 40.2408, 20.2982



30.2146, 34.4798, 16.6183



7.3482, 7.6349, 7.4665



14.0281, 10.6302, 1.3125



0.3421, 0.3179, 0.0433

Inverse Universe

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



19.7639, 21.4729, 37.7534



31.1324, 33.7651, 66.9326



16.1178, 14.1808, 36.5381



6.9837, 7.4265, 8.9684



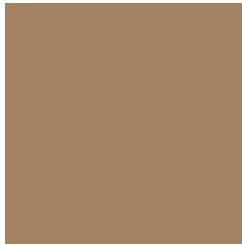
7.5723, 6.9241, 27.8672



0.2063, 0.2399, 0.6013

Previews

White Background



This preview shows how the XYZ color 25.2915, 24.6336, 14.9770 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 25.2915, 24.6336, 14.9770 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 25.2915, 24.6336, 14.9770

Background



This preview shows how black text looks on a background with the XYZ color 25.2915, 24.6336, 14.9770.



This preview shows how white text looks on a background with the XYZ color 25.2915, 24.6336,

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

25.2915, 24.6336, 14.9770

Protanopia

23.0072, 24.6589, 15.8590

Deuteranopia

25.2212, 24.7958, 15.0120



Tritanopia

27.6431, 24.6320, 26.2192

Trichromacy



Original Color

25.2915, 24.6336, 14.9770

Protanomaly

23.7742, 24.6457, 15.5606

Deuteranomaly

25.2212, 24.7958, 15.0120

Tritanomaly

26.8281, 24.6909, 21.7642

Monochromacy



Original Color

25.2915, 24.6336, 14.9770

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8920, 24.5663, 21.8949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2915, 24.6336, 14.9770 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(163, 130, 98)` looks like.

```
.text, #text, p{  
    color:rgb(163, 130, 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(163, 130, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 130, 98) }
```

Border

The CSS property to change the border of an element to XYZ 25.2915, 24.6336, 14.9770 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(163, 130, 98) }
```


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

```
.border{ border-color:rgb(163, 130, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 130, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 130, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 130, 98);  
box-shadow:4px 4px 4px 4px rgb(163, 130,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2915, 24.6336, 14.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 130, 98) }
```

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

```
.background{ background-color: rgb(163,  
130, 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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