

Converting Colors

XYZ(25.9916, 30.5174, 28.5653)

Have a look what the booklet for
XYZ(25.9916, 30.5174, 28.5653)
contains.

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Color

**XYZ(25.9916, 30.5174,
28.5653)**

Conversions

Conversions Part 1

Format	Color
Hex	849C8A
RGB	132, 156, 138
RGB Percent	52%, 61%, 54%
CMY	0.4823, 0.3882, 0.4588
CMYK	0.15, 0.00, 0.12, 0.39
HSL	135°, 11%, 56%
HSV	135°, 15%, 61%
XYZ	25.9916, 30.5174, 28.5653
YIQ	146.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

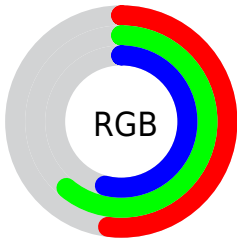
Format	Color
RYB	132, 151, 156
Decimal	8690826
CIELab	62.10, -12.09, 6.62
CIElCh	62, 13.783, 151.301
Yxy	30.5174, 0.3055, 0.3587
Android (android.graphics.Color)	4286880906 (0xFF849C8A)
YUV	146.7720, -4.3246, -12.9550
Hunter-Lab	55.2426, -12.6903, 8.0116

Details

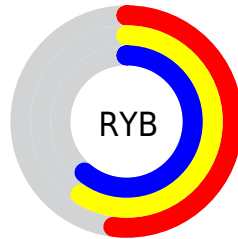
The XYZ color **25.9916, 30.5174, 28.5653** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.4676, 25.7732, 32.3825**, and the grayscale version is **27.6595, 29.0999, 31.6898**.

A 20% lighter version of the original color is **52.7058, 60.6644, 58.2217**, and **10.2927, 12.6016, 11.1224** is the 20% darker color. If you saturate the color by 10%, you get **22.9302, 29.0327, 24.2359**, and if you desaturate by 10%, it is **29.5108, 32.2293, 33.3939**.

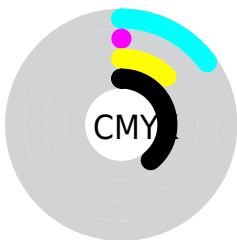
Distribution



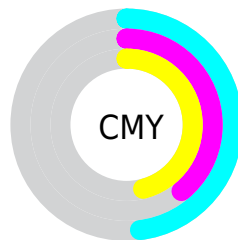
- Red (52%)
- Green (61%)
- Blue (54%)



- Red (52%)
- Yellow (59%)
- Blue (61%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (48%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9916, 30.5174, 28.5653 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 25.9916, 30.5174, 28.5653 by changing the saturation by 10% instead.

■ 25.9916, 30.5174,
28.5653

■ 25.9916, 30.5174,
28.5653

274.9983,
304.3088, 309.1549

■ 16.9500, 20.2316,
18.5095

■ 52.6928, 60.4795,
58.4196

■ 10.2939, 12.5635,
11.1432

■ 71.0831, 80.9245,
79.0552

■ 5.6580, 7.1287,
6.0478

■ 93.3204, 105.5249,
104.0545

■ 2.6770, 3.5427,
2.8049

119.7699,
134.6648, 133.8360

■ 0.9853, 1.4212,
0.9959

150.7971,
168.7288, 168.8182

■ 0.0000, 0.2323,
0.0000

186.7674,

■ 0.0000, 0.0000,

208.1012, 209.4197

0.0000

228.0460,
253.1664, 256.0591

■ 25.9916, 30.5174,
28.5653

■ 25.9916, 30.5174,
28.5653

■ 22.9302, 29.0327,
24.2359

■ 29.5108, 32.2293,
33.3939

■ 20.3051, 27.7619,
20.3877

■ 33.5032, 34.1733,
38.7348

■ 18.0967, 26.6960,
17.0047

■ 37.9865, 36.3593,
44.6032

■ 16.2830, 25.8241,
14.0690

■ 42.9768, 38.7952,
51.0131

■ 14.8398, 25.1341,
11.5619

■ 48.4894, 41.4886,
57.9780

■ 13.7404, 24.6127,
9.4632

■ 54.5390, 44.4468,
65.5108

■ 12.9540, 24.2443,
7.7508

■ 61.1397, 47.6769,
73.6240

■ 12.4413, 24.0094,
6.4008

■ 67.6385, 50.8418,
82.2986

■ 12.2552, 23.9245,
5.8913

■ 69.3529, 51.5276,
91.3266

Harmonies

Analogous

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



27.1939, 30.5174, 25.2500



25.9916, 30.5174, 28.5653



25.5878, 30.5174, 33.4605

Triad

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



25.9916, 30.5174, 28.5653



29.0869, 30.5174, 44.5088



32.1579, 30.5174, 28.2040

Complementary

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



25.9916, 30.5174, 28.5653



27.4676, 25.7732, 32.3825

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.



32.7156, 30.5174, 32.9971



25.9916, 30.5174, 28.5653



30.8966, 30.5174, 42.7315

Square

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



25.9916, 30.5174, 28.5653



27.3284, 30.5174, 43.0062



32.2446, 30.5174, 38.3729



30.7506, 30.5174, 25.0576

Rectangle

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



25.9916, 30.5174, 28.5653



25.8115, 30.5174, 37.0745



32.2446, 30.5174, 38.3729



32.4535, 30.5174, 29.6577

Sweetspot

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



25.9924, 30.5187, 28.5660



53.7934, 58.6301, 60.9151



28.7059, 31.9663, 26.4873



11.7395, 12.8538, 13.2720



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.



25.9924, 30.5187, 28.5660



45.4705, 54.5846, 49.4524



26.8780, 30.8729, 33.2292



6.6154, 7.4269, 7.4093



10.1063, 19.7105, 4.9168



0.1960, 0.3586, 0.1687

Inverse Universe

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



27.4676, 25.7732, 32.3825



48.6019, 44.5095, 57.5530



26.5789, 25.4177, 27.7027



6.8332, 6.7262, 7.9730



13.9523, 6.8855, 14.5317



0.2651, 0.1294, 0.3422

Previews

White Background



This preview shows how the XYZ color 25.9916, 30.5174, 28.5653 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.9916, 30.5174, 28.5653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

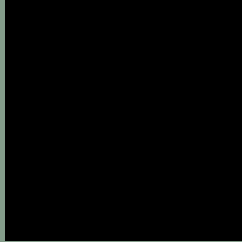
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

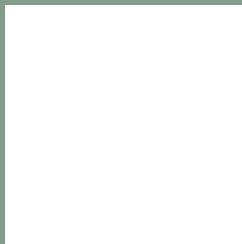
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9916, 30.5174, 28.5653

Background



This preview shows how black text looks on a background with the XYZ color 25.9916, 30.5174, 28.5653.



This preview shows how white text looks on a background with the XYZ color 25.9916, 30.5174,

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

25.9916, 30.5174, 28.5653

Protanopia

28.7608, 30.2840, 26.8838

Deuteranopia

31.0075, 30.4691, 29.0578



Tritanopia

28.2456, 30.4552, 39.5117

Trichromacy



Original Color

25.9916, 30.5174, 28.5653

Protanomaly

27.6340, 30.4088, 27.3347

Deuteranomaly

28.9252, 30.3275, 28.7554

Tritanomaly

27.2993, 30.2999, 35.4200

Monochromacy



Original Color

25.9916, 30.5174, 28.5653

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0957, 29.5771, 30.6664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9916, 30.5174, 28.5653 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(132, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(132, 156, 138)  
}
```

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(132, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 156, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.9916, 30.5174, 28.5653 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(132, 156, 138) }
```


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

```
.border{ border-color:rgb(132, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(132, 156,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9916, 30.5174, 28.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 156, 138) }
```

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

```
.background{ background-color: rgb(132,  
156, 138) }
```

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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