

Converting Colors

XYZ(25.4996, 30.9776, 16.0102)

Have a look what the booklet for
XYZ(25.4996, 30.9776, 16.0102)
contains.

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Color

**XYZ(25.5399, 31.0676,
15.9598)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9E61
RGB	142, 158, 97
RGB Percent	56%, 62%, 38%
CMY	0.4431, 0.3804, 0.6196
CMYK	0.10, 0.00, 0.39, 0.38
HSL	76°, 24%, 50%
HSV	76°, 39%, 62%
XYZ	25.5399, 31.0676, 15.9598
YIQ	146.2620, 10.0450, -22.3630

Conversions

Conversions Part 2

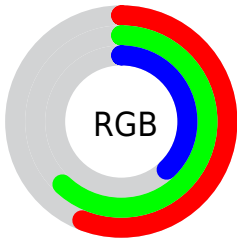
Format	Color
RYB	97, 158, 113
Decimal	9346657
CIELab	62.56, -15.99, 30.00
CIELCh	63, 34.000, 118.056
Yxy	31.0676, 0.3519, 0.4281
Android (android.graphics.Color)	4287536737 (0xFF8E9E61)
YUV	146.2620, -24.2862, -3.7378
Hunter-Lab	55.7383, -15.7514, 22.0401

Details

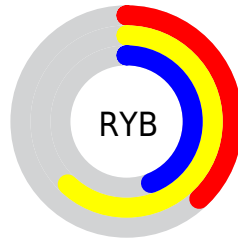
The XYZ color **25.5399, 31.0676, 15.9598** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.2575, 14.5295, 34.2444**, and the grayscale version is **27.5235, 28.9569, 31.5341**.

A 20% lighter version of the original color is **51.9045, 61.4624, 37.1447**, and **10.1265, 12.9613, 4.8738** is the 20% darker color. If you saturate the color by 10%, you get **24.1776, 30.4431, 12.4260**, and if you desaturate by 10%, it is **27.0770, 31.7672, 20.2690**.

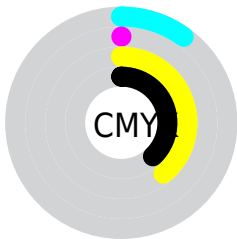
Distribution



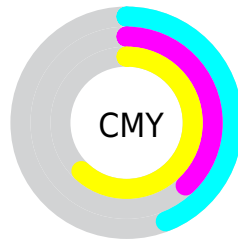
- Red (56%)
- Green (62%)
- Blue (38%)



- Red (38%)
- Yellow (62%)
- Blue (44%)



- Cyan (10%)
- Magenta (0%)
- Yellow (39%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5399, 31.0676, 15.9598 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 25.5399, 31.0676, 15.9598 by changing the saturation by 10% instead.

■ 25.5399, 31.0676,
15.9598

■ 25.5399, 31.0676,
15.9598

272.8144,
306.8496, 240.9420

■ 16.6106, 20.6503,
9.3417

■ 51.9684, 61.3465,
37.2942

■ 10.0508, 12.8686,
4.8649

■ 70.1983, 81.9769,
52.8476

■ 5.4952, 7.3382,
2.1108

■ 92.2591, 106.7805,
72.2164

■ 2.5784, 3.6745,
0.6222

■ 118.5162,
136.1416, 95.8193

■ 0.9349, 1.4932,
0.0000

149.3349,
170.4447, 124.0748

■ 0.0000, 0.2839,
0.0000

185.0806,

■ 0.0000, 0.0000,

210.0741, 157.4014

0.0000

226.1187,
255.4143, 196.2176

■ 25.5399, 31.0676,
15.9598

■ 25.5399, 31.0676,
15.9598

■ 24.1776, 30.4431,
12.4260

■ 27.0770, 31.7672,
20.2690

■ 22.9787, 29.8859,
9.6196

■ 28.7948, 32.5411,
25.3940

■ 21.9340, 29.3934,
7.4901

■ 30.7020, 33.3939,
31.3748

■ 21.0323, 28.9610,
5.9798

■ 32.8056, 34.3284,
38.2480

■ 20.2604, 28.5836,
5.0216

■ 35.1126, 35.3474,
46.0483

■ 19.5931, 28.2508,
4.4834

■ 37.6294, 36.4536,
54.8084

■ 19.5037, 28.2060,
4.4164

■ 40.3622, 37.6495,
64.5595

■ 43.3170, 38.9373,
75.3312

■ 46.4992, 40.3195,
87.1521

Harmonies

Analogous

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



29.8315, 31.0676, 14.2217



25.5399, 31.0676, 15.9598



22.6061, 31.0676, 22.0607

Triad

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



25.5399, 31.0676, 15.9598



25.0685, 31.0676, 60.3736



39.3399, 31.0676, 34.6986

Complementary

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



25.5399, 31.0676, 15.9598



17.2575, 14.5295, 34.2444

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.



37.7376, 31.0676, 49.1736



25.5399, 31.0676, 15.9598



29.2282, 31.0676, 66.2059

Square

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



25.5399, 31.0676, 15.9598



22.3546, 31.0676, 47.2783



33.9129, 31.0676, 61.6536



38.0939, 31.0676, 23.2053

Rectangle

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



25.5399, 31.0676, 15.9598



21.6538, 31.0676, 28.8249



33.9129, 31.0676, 61.6536



39.1134, 31.0676, 39.3774

Sweetspot

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



25.5407, 31.0690, 15.9605



54.4552, 60.0615, 52.8511



22.0811, 19.7767, 13.9632



12.1820, 13.4984, 11.6168



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.



25.5407, 31.0690, 15.9605



44.3055, 55.4668, 23.5654



21.0995, 28.7795, 15.7526



7.0002, 7.6328, 7.0900



15.6579, 22.6086, 3.5386



0.3169, 0.4233, 0.0650

Inverse Universe

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



17.2575, 14.5295, 34.2444



27.1795, 21.2425, 61.4112



21.7318, 16.8361, 34.4538



6.4398, 6.5152, 8.3248



5.7224, 2.3790, 26.0648



0.1386, 0.0613, 0.4677

Previews

White Background



This preview shows how the XYZ color 25.5399, 31.0676, 15.9598 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 25.5399, 31.0676, 15.9598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

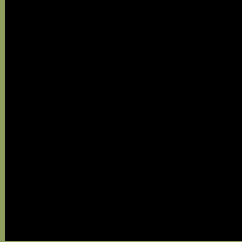
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5399, 31.0676, 15.9598

Background



This preview shows how black text looks on a background with the XYZ color 25.5399, 31.0676, 15.9598.



This preview shows how white text looks on a background with the XYZ color 25.5399, 31.0676,

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

25.5399, 31.0676, 15.9598

Protanopia

28.6040, 30.9407, 15.0542

Deuteranopia

31.3296, 30.6904, 16.3292



Tritanopia

30.0056, 30.9054, 38.5663

Trichromacy



Original Color

25.5399, 31.0676, 15.9598

Protanomaly

27.5258, 31.1055, 15.3797

Deuteranomaly

28.9359, 30.6112, 16.1879

Tritanomaly

28.0113, 30.8205, 28.5174

Monochromacy



Original Color

25.5399, 31.0676, 15.9598

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4797, 29.3909, 24.6995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5399, 31.0676, 15.9598 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(142, 158, 97)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 97)  
}
```

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(142, 158, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 97) }
```

Border

The CSS property to change the border of an element to XYZ 25.5399, 31.0676, 15.9598 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(142, 158, 97) }
```


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

```
.border{ border-color:rgb(142, 158, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 158, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 97);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5399, 31.0676, 15.9598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 97) }
```

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

```
.background{ background-color: rgb(142,  
158, 97) }
```

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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