

Converting Colors

XYZ(25.4253, 30.9943, 16.6498)

Have a look what the booklet for
XYZ(25.4253, 30.9943, 16.6498)
contains.

XYZ(25.5116, 31.0365, 16.7026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.5116, 31.0365,
16.7026)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9E64
RGB	141, 158, 100
RGB Percent	55%, 62%, 39%
CMY	0.4471, 0.3804, 0.6078
CMYK	0.11, 0.00, 0.37, 0.38
HSL	78°, 23%, 51%
HSV	78°, 37%, 62%
XYZ	25.5116, 31.0365, 16.7026
YIQ	146.3050, 8.4860, -21.6420

Conversions

Conversions Part 2

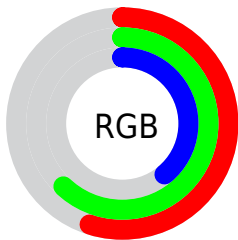
Format	Color
RYB	100, 158, 117
Decimal	9281124
CIELab	62.54, -16.00, 28.35
CIElCh	63, 32.551, 119.438
Yxy	31.0365, 0.3483, 0.4237
Android (android.graphics.Color)	4287471204 (0xFF8D9E64)
YUV	146.3050, -22.8284, -4.6525
Hunter-Lab	55.7104, -15.7523, 21.2215

Details

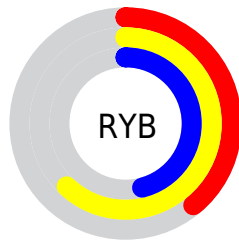
The XYZ color **25.5116, 31.0365, 16.7026** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.0660, 15.3657, 34.3631**, and the grayscale version is **27.5358, 28.9698, 31.5481**.

A 20% lighter version of the original color is **51.9674, 61.4576, 38.8293**, and **10.0940, 12.9370, 5.2139** is the 20% darker color. If you saturate the color by 10%, you get **24.0489, 30.3634, 13.0221**, and if you desaturate by 10%, it is **27.1572, 31.7887, 21.1672**.

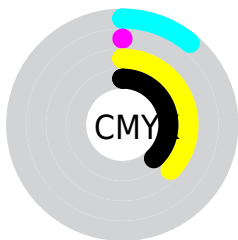
Distribution



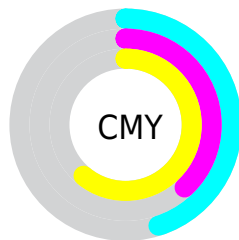
- Red (55%)
- Green (62%)
- Blue (39%)



- Red (39%)
- Yellow (62%)
- Blue (46%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (38%)



- Cyan (45%)
- Magenta (38%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5116, 31.0365, 16.7026 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 25.5116, 31.0365, 16.7026 by changing the saturation by 10% instead.

■ 25.5116, 31.0365,
16.7026

■ 25.5116, 31.0365,
16.7026

272.6771,
306.7064, 245.4383

■ 16.5894, 20.6266,
9.8630

■ 51.9229, 61.2975,
38.5973

■ 10.0357, 12.8514,
5.2038

■ 70.1427, 81.9175,
54.4895

■ 5.4850, 7.3263,
2.3065

■ 92.1925, 106.7096,
74.2363

■ 2.5722, 3.6670,
0.7349

■ 118.4374,
136.0583, 98.2563

■ 0.9318, 1.4891,
0.0000

149.2430,
170.3479, 126.9679

■ 0.0000, 0.2810,
0.0000

184.9746,

■ 0.0000, 0.0000,

209.9629, 160.7898

0.0000

225.9975,
255.2876, 200.1404

■ 25.5116, 31.0365,
16.7026

■ 25.5116, 31.0365,
16.7026

■ 24.0489, 30.3634,
13.0221

■ 27.1572, 31.7887,
21.1672

■ 22.7577, 29.7616,
10.0783

■ 28.9915, 32.6192,
26.4555

■ 21.6289, 29.2284,
7.8219


■ 31.0233, 33.5325,
32.6071


■ 20.6514, 28.7595,
6.1965


■ 33.2596, 34.5317,
39.6581


■ 19.8124, 28.3495,
5.1372


■ 35.7074, 35.6194,
47.6429


 19.0929, 27.9910,
4.5458

 38.3732, 36.7983,
56.5939

 18.8695, 27.8791,
4.3867

 41.2632, 38.0709,
66.5418

 44.3834, 39.4398,
77.5163

 47.7395, 40.9071,
89.5456

Harmonies

Analogous

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



29.5829, 31.0365, 14.8126



25.5116, 31.0365, 16.7026



22.7619, 31.0365, 22.8546

Triad

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



25.5116, 31.0365, 16.7026



25.3805, 31.0365, 59.4217



38.8527, 31.0365, 34.0333

Complementary

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



25.5116, 31.0365, 16.7026



18.0660, 15.3657, 34.3631

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.



37.4500, 31.0365, 47.7617



25.5116, 31.0365, 16.7026



29.4158, 31.0365, 64.4899

Square

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



25.5116, 31.0365, 16.7026



22.6917, 31.0365, 47.2417



33.8822, 31.0365, 59.7709



37.5480, 31.0365, 23.1753

Rectangle

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



25.5116, 31.0365, 16.7026



21.8998, 31.0365, 29.5201



33.8822, 31.0365, 59.7709



38.6802, 31.0365, 38.4605

Sweetspot

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



25.5124, 31.0379, 16.7033



54.6277, 60.1256, 53.9800



22.6973, 20.7810, 14.8719



12.2107, 13.5080, 11.8519



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.



25.5124, 31.0379, 16.7033



44.1380, 55.3534, 24.7799



21.2825, 28.8573, 16.5053



6.9806, 7.6227, 7.0891



15.1523, 22.3480, 3.5150



0.3107, 0.4201, 0.0647

Inverse Universe

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



18.0660, 15.3657, 34.3631



28.6234, 22.6757, 61.6117



22.4834, 17.6429, 34.5699



6.4584, 6.5248, 8.3257



5.8920, 2.4665, 26.0728



0.1445, 0.0643, 0.4680

Previews

White Background



This preview shows how the XYZ color 25.5116, 31.0365, 16.7026 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 25.5116, 31.0365, 16.7026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

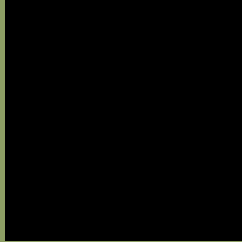
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5116, 31.0365, 16.7026

Background



This preview shows how black text looks on a background with the XYZ color 25.5116, 31.0365, 16.7026.



This preview shows how white text looks on a background with the XYZ color 25.5116, 31.0365,

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

25.5116, 31.0365, 16.7026

Protanopia

28.5341, 30.8888, 15.7675

Deuteranopia

31.2438, 30.6291, 17.0972



Tritanopia

29.8224, 30.8109, 38.5577

Trichromacy



Original Color

25.5116, 31.0365, 16.7026

Protanomaly

27.4705, 31.0610, 16.1028

Deuteranomaly

28.8716, 30.5612, 16.9476

Tritanomaly

27.9055, 30.7575, 28.8921

Monochromacy



Original Color

25.5116, 31.0365, 16.7026

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.3704, 29.3270, 25.0397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5116, 31.0365, 16.7026 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(141, 158, 100)` looks like.

```
.text, #text, p{  
    color:rgb(141, 158, 100)  
}
```

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(141, 158, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 158, 100) }
```

Border

The CSS property to change the border of an element to XYZ 25.5116, 31.0365, 16.7026 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(141, 158, 100) }
```


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

```
.border{ border-color:rgb(141, 158, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 158, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 158, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 158, 100);  
box-shadow:4px 4px 4px 4px rgb(141, 158,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5116, 31.0365, 16.7026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 158, 100) }
```

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

```
.background{ background-color: rgb(141,  
158, 100) }
```

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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