

Converting Colors

XYZ(25.2750, 29.9845, 31.1098)

Have a look what the booklet for
XYZ(25.2750, 29.9845, 31.1098)
contains.

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Color

**XYZ(25.3115, 30.1064,
31.2651)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9C91
RGB	124, 156, 145
RGB Percent	49%, 61%, 57%
CMY	0.5137, 0.3882, 0.4314
CMYK	0.21, 0.00, 0.07, 0.39
HSL	159°, 14%, 55%
HSV	159°, 21%, 61%
XYZ	25.3115, 30.1064, 31.2651
YIQ	145.1780, -15.5410, -10.2050

Conversions

Conversions Part 2

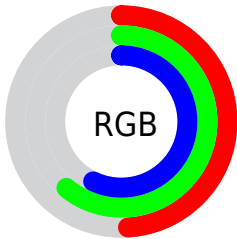
Format	Color
RYB	124, 143, 156
Decimal	8166545
CIELab	61.75, -13.43, 2.10
CIElCh	62, 13.590, 171.117
Yxy	30.1064, 0.2920, 0.3473
Android (android.graphics.Color)	4286356625 (0xFF7C9C91)
YUV	145.1780, -0.0878, -18.5731
Hunter-Lab	54.8693, -13.6783, 4.6244

Details

The XYZ color **25.3115, 30.1064, 31.2651** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.2922, 23.2333, 26.0745**, and the grayscale version is **26.9916, 28.3972, 30.9246**.

A 20% lighter version of the original color is **51.7345, 60.0592, 62.8987**, and **9.9412, 12.3852, 12.6931** is the 20% darker color. If you saturate the color by 10%, you get **22.8292, 28.8742, 29.0412**, and if you desaturate by 10%, it is **28.1717, 31.5328, 33.6099**.

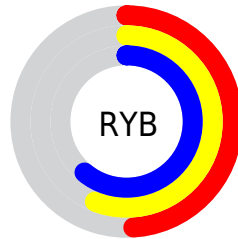
Distribution



Red (49%)

Green (61%)

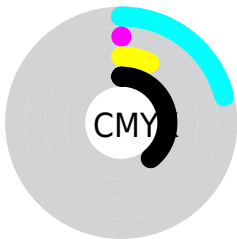
Blue (57%)



Red (49%)

Yellow (56%)

Blue (61%)

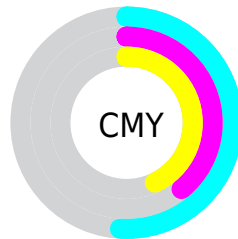


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (39%)



Cyan (51%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3115, 30.1064, 31.2651 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 25.3115, 30.1064, 31.2651 by changing the saturation by 10% instead.

■ 25.3115, 30.1064,
31.2651

■ 25.3115, 30.1064,
31.2651

271.7048,
302.4001, 322.1467

■ 16.4393, 19.9194,
20.5406

■ 51.6014, 59.8304,
62.7417

■ 9.9283, 12.3364,
12.6007

■ 69.7497, 80.1362,
84.3309

■ 5.4134, 6.9732,
7.0267

■ 91.7208, 104.5836,
110.3787

■ 2.5290, 3.4454,
3.4001

117.8800,
133.5571, 141.3037

■ 0.9099, 1.3684,
1.3024

148.5926,
167.4412, 177.5245

■ 0.0000, 0.1933,
0.0637

184.2241,

■ 0.0000, 0.0000,

206.6201, 219.4596

0.0000

225.1397,
251.4782, 267.5275

■ 25.3115, 30.1064,
31.2651

■ 25.3115, 30.1064,
31.2651

■ 22.8292, 28.8742,
29.0412

■ 28.1717, 31.5328,
33.6099

■ 20.7053, 27.8238,
26.9339

■ 31.4232, 33.1578,
36.0757

■ 18.9223, 26.9468,
24.9418

■ 35.0817, 34.9903,
38.6653

■ 17.4602, 26.2332,
23.0623

■ 39.1615, 37.0376,
41.3804

■ 16.2967, 25.6713,
21.2931

■ 43.6759, 39.3067,
44.2232

■ 15.4067, 25.2484,
19.6313

■ 48.6380, 41.8040,
47.1954

■ 14.7608, 24.9492,
18.0741

■ 54.0598, 44.5360,
50.2989

■ 14.3057, 24.7447,
16.6889

■ 59.9534, 47.5087,
53.5354

■ 62.7850, 48.9005,
56.7408

Harmonies

Analogous

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



25.9898, 30.1064, 26.9117



25.3115, 30.1064, 31.2651



25.4889, 30.1064, 36.5057

Triad

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



25.3115, 30.1064, 31.2651



29.8879, 30.1064, 42.9893



30.8568, 30.1064, 25.6157

Complementary

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



25.3115, 30.1064, 31.2651



25.2922, 23.2333, 26.0745

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.



31.9873, 30.1064, 29.3182



25.3115, 30.1064, 31.2651



31.4118, 30.1064, 39.4464

Square

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



25.3115, 30.1064, 31.2651



28.0810, 30.1064, 43.6516



32.1946, 30.1064, 34.3446



29.1562, 30.1064, 23.8835

Rectangle

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



25.3115, 30.1064, 31.2651



26.0717, 30.1064, 39.7843



32.1946, 30.1064, 34.3446



31.3190, 30.1064, 26.6515

Sweetspot

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



25.3123, 30.1077, 31.2658



53.6714, 58.5213, 62.9831



25.5515, 30.4010, 23.5905



11.7345, 12.8395, 13.8013



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.



25.3123, 30.1077, 31.2658



43.6423, 53.5231, 54.7454



25.4128, 28.8843, 35.6898



6.7249, 7.4707, 7.9857



11.7996, 20.3878, 13.8338



0.2301, 0.3722, 0.3480

Inverse Universe

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



25.2922, 23.2333, 26.0745



43.5994, 38.5424, 43.4370



25.1733, 24.1719, 22.4081



6.7225, 6.6819, 7.3898



11.8495, 6.0444, 3.4584



0.2307, 0.1156, 0.1612

Previews

White Background



This preview shows how the XYZ color 25.3115, 30.1064, 31.2651 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 25.3115, 30.1064, 31.2651 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

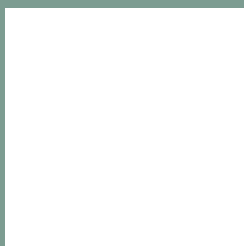
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3115, 30.1064, 31.2651

Background



This preview shows how black text looks on a background with the XYZ color 25.3115, 30.1064, 31.2651.



This preview shows how white text looks on a background with the XYZ color 25.3115, 30.1064,

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

25.3115, 30.1064, 31.2651

Protanopia

28.5345, 29.8752, 29.4619

Deuteranopia

30.3440, 29.8396, 31.7641



Tritanopia

27.0849, 30.0883, 39.9774

Trichromacy



Original Color

25.3115, 30.1064, 31.2651

Protanomaly

27.1044, 29.8370, 29.9217

Deuteranomaly

28.1726, 29.6447, 31.4313

Tritanomaly

26.4796, 30.0919, 36.7604

Monochromacy



Original Color

25.3115, 30.1064, 31.2651

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.1748, 28.8576, 30.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3115, 30.1064, 31.2651 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(124, 156, 145)` looks like.

```
.text, #text, p{  
    color:rgb(124, 156, 145)  
}
```

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(124, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 156, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.3115, 30.1064, 31.2651 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(124, 156, 145) }
```


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

```
.border{ border-color:rgb(124, 156, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 156, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(124, 156,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3115, 30.1064, 31.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 156, 145) }
```

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

```
.background{ background-color: rgb(124,  
156, 145) }
```

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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