

Converting Colors

XYZ(24.9778, 31.0997, 36.6062)

Have a look what the booklet for
XYZ(24.9778, 31.0997, 36.6062)
contains.

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Color

**XYZ(25.0150, 31.1122,
36.5851)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA19D
RGB	108, 161, 157
RGB Percent	42%, 63%, 62%
CMY	0.5765, 0.3686, 0.3843
CMYK	0.33, 0.00, 0.02, 0.37
HSL	175°, 22%, 53%
HSV	175°, 33%, 63%
XYZ	25.0150, 31.1122, 36.5851
YIQ	144.6970, -30.3040, -12.4800

Conversions

Conversions Part 2

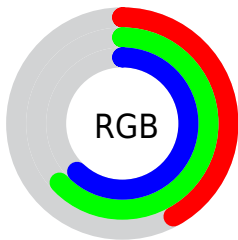
Format	Color
RYB	108, 136, 161
Decimal	7119261
CIELab	62.60, -18.38, -3.52
CIElCh	63, 18.714, 190.843
Yxy	31.1122, 0.2698, 0.3356
Android (android.graphics.Color)	4285309341 (0xFF6CA19D)
YUV	144.6970, 6.0654, -32.1833
Hunter-Lab	55.7783, -17.5598, 0.1564

Details

The XYZ color **25.0150, 31.1122, 36.5851** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9862, 19.4729, 17.8776**, and the grayscale version is **26.7764, 28.1709, 30.6781**.

A 20% lighter version of the original color is **51.0117, 61.3919, 70.7892**, and **9.7575, 12.8477, 15.6013** is the 20% darker color. If you saturate the color by 10%, you get **23.1318, 30.1541, 35.9585**, and if you desaturate by 10%, it is **27.2626, 32.2596, 37.2355**.

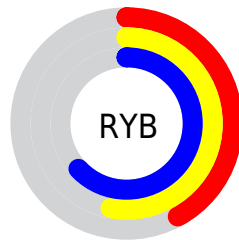
Distribution



Red (42%)

Green (63%)

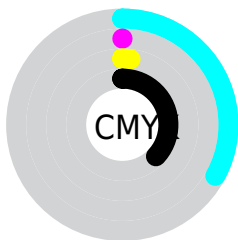
Blue (62%)



Red (42%)

Yellow (53%)

Blue (63%)

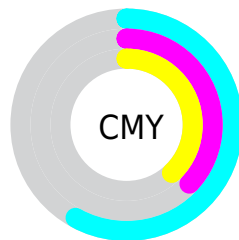


Cyan (33%)

Magenta (0%)

Yellow (2%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0150, 31.1122, 36.5851 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 25.0150, 31.1122, 36.5851 by changing the saturation by 10% instead.

■ 25.0150, 31.1122,
36.5851

■ 25.0150, 31.1122,
36.5851

270.2589,
307.0549, 346.6252

■ 16.2170, 20.6843,
24.5932

■ 51.1243, 61.4167,
71.1134

■ 9.7697, 12.8934,
15.5579

■ 69.1663, 82.0620,
94.4868

■ 5.3076, 7.3552,
9.0609

■ 91.0203, 106.8820,
122.4911

■ 2.4655, 3.6852,
4.6836

■ 117.0518,
136.2610, 155.5449

■ 0.8779, 1.4991,
2.0074

147.6260,
170.5834, 194.0666

■ 0.0000, 0.2881,
0.5598

183.1084,

■ 0.0000, 0.0000,

210.2336, 238.4749

0.0000

223.8642,
255.5959, 289.1882

■ 25.0150, 31.1122,
36.5851

■ 25.0150, 31.1122,
36.5851

■ 23.1318, 30.1541,
35.9585

■ 27.2626, 32.2596,
37.2355

■ 21.5905, 29.3713,
35.3525

■ 29.8904, 33.6021,
37.9085

■ 20.3699, 28.7538,
34.7670

■ 32.9165, 35.1498,
38.6055

■ 19.4459, 28.2890,
34.2007

■ 36.3568, 36.9110,
39.3273

■ 18.7904, 27.9626,
33.6522

■ 40.2267, 38.8935,
40.0747

■ 18.3702, 27.7573,
33.1201

■ 44.5407, 41.1047,
40.8484

■ 18.1579, 27.6558,
32.7505

■ 49.3124, 43.5518,
41.6489

■ 54.5550, 46.2416,
42.4770

■ 60.2813, 49.1806,
43.3332

Harmonies

Analogous

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



25.1798, 31.1122, 29.4763



25.0150, 31.1122, 36.5851



26.0171, 31.1122, 43.9074

Triad

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



25.0150, 31.1122, 36.5851



32.8930, 31.1122, 45.6398



31.2085, 31.1122, 22.2736

Complementary

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



25.0150, 31.1122, 36.5851



22.9862, 19.4729, 17.8776

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.



33.4352, 31.1122, 25.5020



25.0150, 31.1122, 36.5851



34.4456, 31.1122, 38.6928

Square

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



25.0150, 31.1122, 36.5851



30.5026, 31.1122, 49.6125



34.6496, 31.1122, 31.3039



28.6589, 31.1122, 21.8778

Rectangle

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



25.0150, 31.1122, 36.5851



27.2476, 31.1122, 47.6684



34.6496, 31.1122, 31.3039



32.0233, 31.1122, 23.0391

Sweetspot

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



25.0159, 31.1134, 36.5858



54.9372, 60.8961, 68.2247



22.1878, 30.0459, 18.8180



11.8984, 13.2787, 14.9271



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.



25.0159, 31.1134, 36.5858



42.1036, 54.3462, 64.6362



21.8388, 24.2035, 37.2403



7.2529, 8.0020, 8.9437



14.5083, 22.0896, 26.1907



0.3112, 0.4667, 0.5838

Inverse Universe

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



22.9862, 19.4729, 17.8776



37.8643, 30.0137, 25.5468



25.3995, 24.6483, 17.6068



7.0945, 7.0942, 7.4839



11.7991, 6.0757, 0.8667



0.2540, 0.1301, 0.0504

Previews

White Background



This preview shows how the XYZ color 25.0150, 31.1122, 36.5851 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 25.0150, 31.1122, 36.5851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

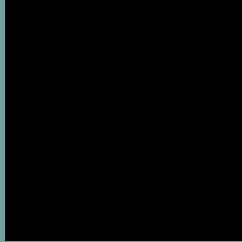
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.0150, 31.1122, 36.5851

Background



This preview shows how black text looks on a background with the XYZ color 25.0150, 31.1122, 36.5851.

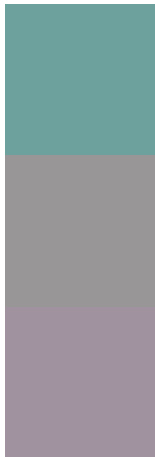


This preview shows how white text looks on a background with the XYZ color 25.0150, 31.1122,

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

25.0150, 31.1122, 36.5851

Protanopia

29.6291, 30.8194, 33.6653

Deuteranopia

31.3220, 30.6729, 37.5273



Tritanopia

26.4001, 31.1543, 43.6517

Trichromacy



Original Color

25.0150, 31.1122, 36.5851

Protanomaly

27.6219, 30.7295, 34.6125

Deuteranomaly

28.4799, 30.3872, 37.1652

Tritanomaly

25.9763, 31.2466, 41.2213

Monochromacy



Original Color

25.0150, 31.1122, 36.5851

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0071, 29.2087, 32.7009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0150, 31.1122, 36.5851 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(108, 161, 157)` looks like.

```
.text, #text, p{  
    color:rgb(108, 161, 157)  
}
```

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(108, 161, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 161, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.0150, 31.1122, 36.5851 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(108, 161, 157) }
```


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

```
.border{ border-color:rgb(108, 161, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 161, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 161, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 161, 157);  
box-shadow:4px 4px 4px 4px rgb(108, 161,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0150, 31.1122, 36.5851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 161, 157) }
```

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

```
.background{ background-color: rgb(108,  
161, 157) }
```

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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