

Converting Colors

XYZ(24.6773, 29.0306, 31.5751)

Have a look what the booklet for
XYZ(24.6773, 29.0306, 31.5751)
contains.

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Color

**XYZ(24.6056, 28.9954,
31.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9992
RGB	122, 153, 146
RGB Percent	48%, 60%, 57%
CMY	0.5216, 0.4000, 0.4274
CMYK	0.20, 0.00, 0.05, 0.40
HSL	166°, 13%, 54%
HSV	166°, 20%, 60%
XYZ	24.6056, 28.9954, 31.4939
YIQ	142.9330, -16.2290, -8.7490

Conversions

Conversions Part 2

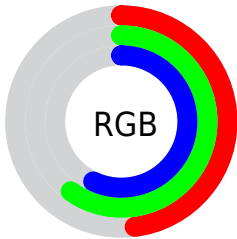
Format	Color
RYB	122, 139, 153
Decimal	8034706
CIELab	60.78, -12.27, 0.11
CIELCh	61, 12.273, 179.496
Yxy	28.9954, 0.2892, 0.3407
Android (android.graphics.Color)	4286224786 (0xFF7A9992)
YUV	142.9330, 1.5120, -18.3582
Hunter-Lab	53.8474, -12.6672, 3.0160

Details

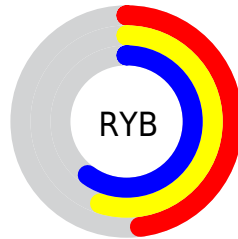
The XYZ color **24.6056, 28.9954, 31.4939** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0599, 22.2772, 23.8021**, and the grayscale version is **26.0812, 27.4394, 29.8815**.

A 20% lighter version of the original color is **50.4173, 57.9097, 63.1640**, and **9.6103, 11.7637, 12.8304** is the 20% darker color. If you saturate the color by 10%, you get **22.3428, 27.8603, 30.0063**, and if you desaturate by 10%, it is **27.2192, 30.3120, 33.0416**.

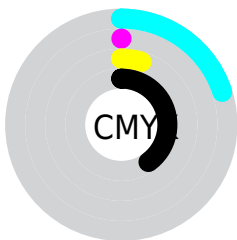
Distribution



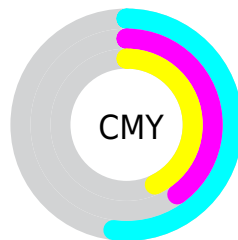
- Red (48%)
- Green (60%)
- Blue (57%)



- Red (48%)
- Yellow (55%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (52%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6056, 28.9954, 31.4939 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 24.6056, 28.9954, 31.4939 by changing the saturation by 10% instead.

■ 24.6056, 28.9954,
31.4939

■ 24.6056, 28.9954,
31.4939

268.2521,
297.1933, 323.2287

■ 15.9106, 19.0773,
20.7136

■ 50.4642, 58.0698,
63.1055

■ 9.5514, 11.7262,
12.7256

■ 68.3585, 77.9949,
84.7739

■ 5.1625, 6.5575,
7.1114

■ 90.0500, 102.0245,
110.9087

■ 2.3787, 3.1869,
3.4524

115.9039,
130.5429, 141.9286

■ 0.8345, 1.2301,
1.3300

146.2858,
163.9346, 178.2520

■ 0.0000, 0.0861,
0.0862

181.5609,

■ 0.0000, 0.0000,

202.5840, 220.2974

0.0000

222.0945,
246.8754, 268.4835

■ 24.6056, 28.9954,
31.4939

■ 24.6056, 28.9954,
31.4939

■ 22.3428, 27.8603,
30.0063

■ 27.2192, 30.3120,
33.0416

■ 20.4125, 26.8948,
28.5757

■ 30.1962, 31.8142,
34.6485

■ 18.7982, 26.0913,
27.2016

■ 33.5515, 33.5105,
36.3162

■ 17.4810, 25.4401,
25.8827

■ 37.2983, 35.4077,
38.0458

■ 16.4401, 24.9304,
24.6176

■ 41.4494, 37.5122,
39.8381

■ 15.6517, 24.5501,
23.4049

■ 46.0167, 39.8304,
41.6942

■ 15.0882, 24.2847,
22.2429

■ 51.0119, 42.3682,
43.6148

■ 14.6883, 24.1022,
21.1565

■ 56.4461, 45.1313,
45.6008

■ 60.5779, 47.2220,
47.5712

Harmonies

Analogous

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



25.0011, 28.9954, 27.3203



24.6056, 28.9954, 31.4939



24.9758, 28.9954, 36.0949

Triad

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



24.6056, 28.9954, 31.4939



29.0966, 28.9954, 39.8473



29.1451, 28.9954, 24.5937

Complementary

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



24.6056, 28.9954, 31.4939



24.0599, 22.2772, 23.8021

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.



30.3150, 28.9954, 27.4420



24.6056, 28.9954, 31.4939



30.2863, 28.9954, 36.2413

Square

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



24.6056, 28.9954, 31.4939



27.5323, 28.9954, 41.1909



30.7403, 28.9954, 31.6483



27.5862, 28.9954, 23.5793

Rectangle

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



24.6056, 28.9954, 31.4939



25.6154, 28.9954, 38.7295



30.7403, 28.9954, 31.6483



29.5990, 28.9954, 25.3539

Sweetspot

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



24.6064, 28.9966, 31.4946



50.8727, 55.3562, 60.3502



23.9938, 28.8743, 22.7216



11.1660, 12.1893, 13.2893



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.6064, 28.9966, 31.4946



42.2832, 51.0318, 55.2652



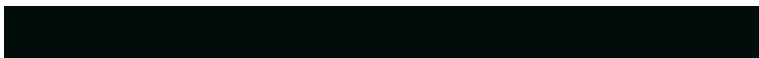
23.8614, 26.6080, 34.0167



6.3249, 7.0027, 7.6341



12.1520, 19.9242, 17.5528



0.1948, 0.3031, 0.3317

Inverse Universe

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



24.0599, 22.2772, 23.8021



41.1365, 36.9212, 39.1157



24.6689, 24.2147, 21.7866



6.2631, 6.2444, 6.7656



11.1138, 5.6997, 1.8581



0.1781, 0.0900, 0.0907

Previews

White Background



This preview shows how the XYZ color 24.6056, 28.9954, 31.4939 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6056, 28.9954, 31.4939 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 × Fail

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

XYZ 24.6056, 28.9954, 31.4939

Background



This preview shows how black text looks on a background with the XYZ color 24.6056, 28.9954, 31.4939.



This preview shows how white text looks on a background with the XYZ color 24.6056, 28.9954,

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

24.6056, 28.9954, 31.4939

Protanopia

27.7390, 28.9948, 29.7257

Deuteranopia

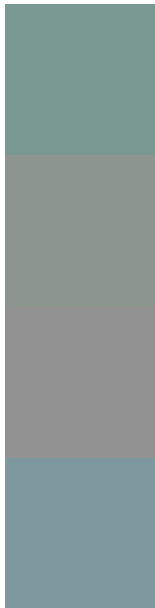
29.3164, 28.8550, 32.0414



Tritanopia

26.1349, 29.1375, 38.8970

Trichromacy



Original Color

24.6056, 28.9954, 31.4939

Protanomaly

26.5206, 29.0535, 30.1967

Deuteranomaly

27.3994, 28.7753, 31.7139

Tritanomaly

25.6262, 29.1759, 36.1792

Monochromacy



Original Color

24.6056, 28.9954, 31.4939

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.4594, 28.0320, 30.4544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6056, 28.9954, 31.4939 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(122, 153, 146)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 146)  
}
```

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(122, 153, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 146) }
```

Border

The CSS property to change the border of an element to XYZ 24.6056, 28.9954, 31.4939 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(122, 153, 146) }
```


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

```
.border{ border-color:rgb(122, 153, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 146);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6056, 28.9954, 31.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 146) }
```

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

```
.background{ background-color: rgb(122,  
153, 146) }
```

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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