

Converting Colors

XYZ(30.0559, 31.1213, 25.7418)

Have a look what the booklet for
XYZ(30.0559, 31.1213, 25.7418)
contains.

XYZ(30.1073, 31.2379, 25.9154)	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(30.1073, 31.2379,
25.9154)**

Conversions

Conversions Part 1

Format	Color
Hex	A39683
RGB	163, 150, 131
RGB Percent	64%, 59%, 51%
CMY	0.3608, 0.4117, 0.4863
CMYK	0.00, 0.08, 0.20, 0.36
HSL	36°, 15%, 58%
HSV	36°, 20%, 64%
XYZ	30.1073, 31.2379, 25.9154
YIQ	151.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

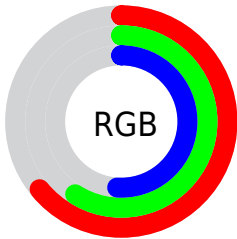
Format	Color
RYB	153, 163, 131
Decimal	10720899
CIELab	62.71, 1.58, 11.76
CIELCh	63, 11.864, 82.350
Yxy	31.2379, 0.3450, 0.3580
Android (android.graphics.Color)	4288910979 (0xFFA39683)
YUV	151.7210, -10.2155, 9.8917
Hunter-Lab	55.8909, -1.6546, 11.6321

Details

The XYZ color **30.1073, 31.2379, 25.9154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **25.9440, 27.4154, 38.5748**, and the grayscale version is **29.7639, 31.3139, 34.1008**.

A 20% lighter version of the original color is **59.1580, 61.5518, 54.1101**, and **12.5404, 12.9124, 9.8140** is the 20% darker color. If you saturate the color by 10%, you get **28.0619, 28.7779, 20.2053**, and if you desaturate by 10%, it is **32.3879, 33.8896, 32.5622**.

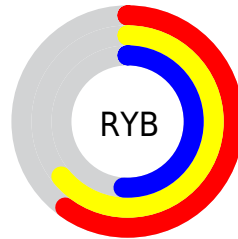
Distribution



Red (64%)

Green (59%)

Blue (51%)



Red (60%)

Yellow (64%)

Blue (51%)

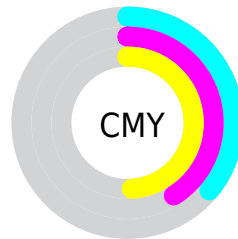


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1073, 31.2379, 25.9154 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 30.1073, 31.2379, 25.9154 by changing the saturation by 10% instead.

■ 30.1073, 31.2379,
25.9154

■ 30.1073, 31.2379,
25.9154

294.3051,
307.6328, 295.9588

■ 20.0685, 20.7801,
16.5352

■ 59.2173, 61.6144,
54.1208

■ 12.5534, 12.9633,
9.7452

■ 79.0192, 82.3019,
73.7831

■ 7.1966, 7.4033,
5.1270

■ 102.8062,
107.1681, 97.7098

■ 3.6328, 3.7156,
2.2619

130.9437,
136.5973, 126.3195

■ 1.4966, 1.5158,
0.7098

163.7970,
170.9740, 160.0307

■ 0.3235, 0.2998,
0.0000

201.7314,

■ 0.0000, 0.0000,

210.6826, 199.2620

0.0000

245.1123,
256.1074, 244.4318

■ 30.1073, 31.2379,
25.9154

■ 30.1073, 31.2379,
25.9154

■ 28.0619, 28.7779,
20.2053

■ 32.3879, 33.8896,
32.5622

■ 26.2400, 26.5003,
15.3869

■ 34.9098, 36.7338,
40.1838

■ 24.6329, 24.4009,
11.4144

■ 37.6818, 39.7765,
48.8189

■ 23.2299, 22.4738,
8.2371

■ 40.7116, 43.0223,
58.5031

■ 22.0194, 20.7127,
5.7989

■ 44.0064, 46.4755,
69.2707

■ 20.9882, 19.1106,
4.0362

■ 47.5733, 50.1404,
81.1541

■ 20.1212, 17.6597,
2.8744

■ 51.4190, 54.0209,
94.1844

■ 19.3863, 16.3453,
2.1504

■ 54.5020, 57.7019,
102.8728

■ 19.3605, 16.2989,
2.1256

■ 56.0986, 60.8951,
103.4050

Harmonies

Analogous

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



31.6343, 31.2379, 27.4274



30.1073, 31.2379, 25.9154



28.5219, 31.2379, 26.4113

Triad

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



30.1073, 31.2379, 25.9154



26.9020, 31.2379, 37.5189



32.2258, 31.2379, 39.7581

Complementary

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



30.1073, 31.2379, 25.9154



25.9440, 27.4154, 38.5748

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.



30.8909, 31.2379, 42.9485



30.1073, 31.2379, 25.9154



27.8284, 31.2379, 41.5759

Square

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



30.1073, 31.2379, 25.9154



26.7093, 31.2379, 32.8389



29.2779, 31.2379, 43.6423



32.8860, 31.2379, 35.2143

Rectangle

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



30.1073, 31.2379, 25.9154



27.6414, 31.2379, 27.8367



29.2779, 31.2379, 43.6423



31.8388, 31.2379, 41.0408

Sweetspot

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



30.1081, 31.2393, 25.9161



59.5437, 62.4464, 62.9181



28.2804, 26.0433, 30.0560



13.3124, 13.9562, 13.9483



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.1081, 31.2393, 25.9161



52.1058, 53.7833, 41.2857



31.7581, 35.3412, 26.6209



7.4070, 7.7523, 7.4861



15.0920, 12.7580, 1.6671



0.3618, 0.3574, 0.0499

Inverse Universe

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



25.9440, 27.4154, 38.5748



43.1306, 45.5428, 68.5735



24.5060, 23.9183, 37.9756



6.9256, 7.3102, 8.9491



6.7035, 5.1864, 27.5775



0.1866, 0.2006, 0.5947

Previews

White Background



This preview shows how the XYZ color 30.1073, 31.2379, 25.9154 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 30.1073, 31.2379, 25.9154 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

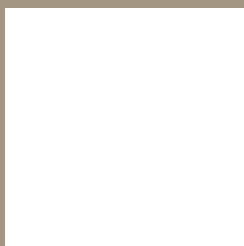
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1073, 31.2379, 25.9154

Background



This preview shows how black text looks on a background with the XYZ color 30.1073, 31.2379, 25.9154.



This preview shows how white text looks on a background with the XYZ color 30.1073, 31.2379,

25.9154.

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

30.1073, 31.2379, 25.9154

Protanopia

29.5295, 31.1701, 26.2899

Deuteranopia

31.8993, 31.2224, 26.1750



Tritanopia

32.1763, 31.1334, 36.6612

Trichromacy



Original Color

30.1073, 31.2379, 25.9154

Protanomaly

29.7287, 31.2727, 26.2992

Deuteranomaly

31.1761, 31.0794, 26.1856

Tritanomaly

31.2961, 31.0049, 32.3520

Monochromacy



Original Color

30.1073, 31.2379, 25.9154

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8110, 31.2148, 30.8394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1073, 31.2379, 25.9154 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(163, 150, 131)` looks like.

```
.text, #text, p{  
    color:rgb(163, 150, 131)  
}
```

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(163, 150, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 150, 131) }
```

Border

The CSS property to change the border of an element to XYZ 30.1073, 31.2379, 25.9154 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(163, 150, 131) }
```


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

```
.border{ border-color:rgb(163, 150, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 150, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 150, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 150, 131); box-shadow:4px 4px 4px 4px rgb(163, 150, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1073, 31.2379, 25.9154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 150, 131) }
```

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

```
.background{ background-color: rgb(163,  
150, 131) }
```

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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