

Converting Colors

XYZ(29.4153, 31.2029, 44.0076)

Have a look what the booklet for
XYZ(29.4153, 31.2029, 44.0076)
contains.

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Color

**XYZ(29.4153, 31.2029,
44.0076)**

Conversions

Conversions Part 1

Format	Color
Hex	8A99AD
RGB	138, 153, 173
RGB Percent	54%, 60%, 68%
CMY	0.4588, 0.4000, 0.3216
CMYK	0.20, 0.12, 0.00, 0.32
HSL	214°, 18%, 61%
HSV	214°, 20%, 68%
XYZ	29.4153, 31.2029, 44.0076
YIQ	150.7950, -15.3600, 3.0400

Conversions

Conversions Part 2

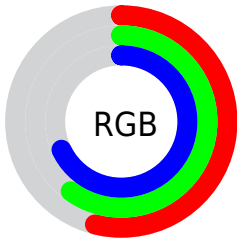
Format	Color
RYB	138, 149, 173
Decimal	9083309
CIELab	62.68, -0.93, -12.22
CIELCh	63, 12.254, 265.669
Yxy	31.2029, 0.2811, 0.2982
Android (android.graphics.Color)	4287273389 (0xFF8A99AD)
YUV	150.7950, 10.9471, -11.2212
Hunter-Lab	55.8596, -3.7572, -7.6085

Details

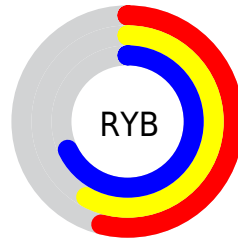
The XYZ color **29.4153, 31.2029, 44.0076** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0482, 35.1729, 29.0400**, and the grayscale version is **29.2880, 30.8132, 33.5556**.

A 20% lighter version of the original color is **58.0546, 61.4336, 82.1968**, and **12.1330, 12.9095, 19.9415** is the 20% darker color. If you saturate the color by 10%, you get **25.2266, 26.7411, 43.3677**, and if you desaturate by 10%, it is **34.1959, 36.1704, 44.7150**.

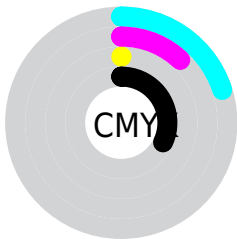
Distribution



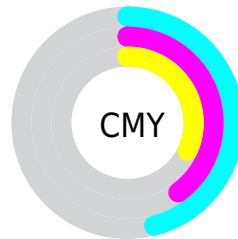
- Red (54%)
- Green (60%)
- Blue (68%)



- Red (54%)
- Yellow (58%)
- Blue (68%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)



- Cyan (46%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4153, 31.2029, 44.0076 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 29.4153, 31.2029, 44.0076 by changing the saturation by 10% instead.

■ 29.4153, 31.2029,
44.0076

■ 29.4153, 31.2029,
44.0076

291.1284,
307.4720, 378.7816

■ 19.5411, 20.7534,
30.3392

■ 58.1293, 61.5594,
82.5318

■ 12.1682, 12.9439,
19.8420

■ 77.6997, 82.2351,
108.2247

■ 6.9314, 7.3899,
12.0973

■ 101.2330,
107.0885, 138.7628

■ 3.4652, 3.7071,
6.6866

129.0944,
136.5037, 174.5648

■ 1.4043, 1.5111,
3.1914

161.6492,
170.8653, 216.0491

■ 0.2593, 0.2965,
1.1932

199.2630,

■ 0.0000, 0.0000,

210.5576, 263.6343

0.0000

242.3009,
255.9650, 317.7390

■ 29.4153, 31.2029,
44.0076

■ 29.4153, 31.2029,
44.0076

■ 25.2266, 26.7411,
43.3677

■ 34.1959, 36.1704,
44.7150

■ 21.6022, 22.7637,
42.7910

■ 39.5887, 41.6563,
45.4896

■ 18.5164, 19.2531,
42.2760

■ 45.6167, 47.6777,
46.3342

■ 15.9401, 16.1892,
41.8204

■ 52.3006, 54.2498,
47.2504

■ 13.8416, 13.5502,
41.4216

■ 59.6603, 61.3868,
48.2401

■ 12.1848, 11.3118,
41.0769

■ 67.7148, 69.1028,
49.3049

■ 10.9279, 9.4466,
40.7831

■ 74.9566, 76.6245,
50.3751

■ 10.0019, 7.9352,
40.5402

■ 77.6626, 82.0366,
51.2771

■ 80.5252, 87.7617,
52.2313

Harmonies

Analogous

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



27.8810, 31.2029, 42.1594



29.4153, 31.2029, 44.0076



31.0720, 31.2029, 42.9674

Triad

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



29.4153, 31.2029, 44.0076



32.6505, 31.2029, 30.1403



27.0810, 31.2029, 29.0420

Complementary

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



29.4153, 31.2029, 44.0076



34.0482, 35.1729, 29.0400

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.



28.2865, 31.2029, 26.3333



29.4153, 31.2029, 44.0076



31.5078, 31.2029, 26.9243

Square

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



29.4153, 31.2029, 44.0076



32.9801, 31.2029, 34.6747



29.9009, 31.2029, 25.5957



26.5658, 31.2029, 33.2841

Rectangle

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



29.4153, 31.2029, 44.0076



32.0171, 31.2029, 40.8235



29.9009, 31.2029, 25.5957



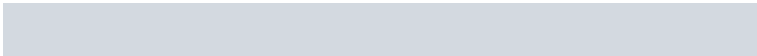
27.4166, 31.2029, 27.9381

Sweetspot

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



29.4162, 31.2042, 44.0083



65.0919, 68.7178, 80.6389



31.5826, 37.7539, 37.8959



14.0172, 14.8027, 17.5061



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.4162, 31.2042, 44.0083



49.4134, 52.4286, 78.3211



27.5034, 26.7993, 43.2589



7.8506, 8.3006, 10.1411



7.4023, 5.9385, 29.8006



0.2609, 0.2752, 0.8474

Inverse Universe

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



32.0726, 29.3619, 34.1155



55.0374, 48.7435, 57.3279



36.2537, 40.3432, 29.9217



8.1424, 8.0702, 9.0607



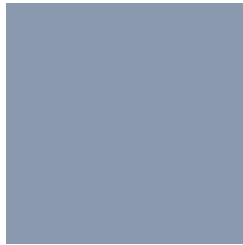
13.6000, 6.9025, 5.5390



0.4061, 0.2031, 0.3003

Previews

White Background



This preview shows how the XYZ color 29.4153, 31.2029, 44.0076 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 29.4153, 31.2029, 44.0076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

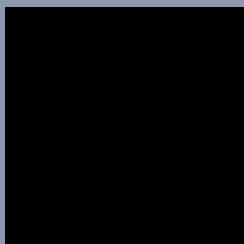
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

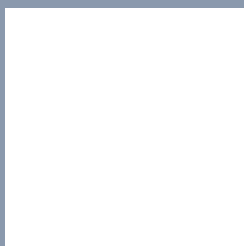
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4153, 31.2029, 44.0076

Background



This preview shows how black text looks on a background with the XYZ color 29.4153, 31.2029, 44.0076.



This preview shows how white text looks on a background with the XYZ color 29.4153, 31.2029,

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

29.4153, 31.2029, 44.0076

Protanopia

30.4698, 31.0489, 42.9152

Deuteranopia

31.7475, 31.2044, 44.3942



Tritanopia

28.7551, 31.1827, 40.5797

Trichromacy



Original Color

29.4153, 31.2029, 44.0076

Protanomaly

30.0146, 31.0411, 43.4393

Deuteranomaly

30.9408, 31.2582, 44.4471

Tritanomaly

29.0336, 31.2941, 42.0463

Monochromacy



Original Color

29.4153, 31.2029, 44.0076

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3403, 31.0707, 37.2517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4153, 31.2029, 44.0076 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(138, 153, 173)` looks like.

```
.text, #text, p{  
    color:rgb(138, 153, 173)  
}
```

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(138, 153, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 153, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.4153, 31.2029, 44.0076 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(138, 153, 173) }
```


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

```
.border{ border-color:rgb(138, 153, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 153, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(138, 153,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4153, 31.2029, 44.0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 153, 173) }
```

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

```
.background{ background-color: rgb(138,  
153, 173) }
```

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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