

Converting Colors

XYZ(26.0100, 29.5114, 31.5047)

Have a look what the booklet for
XYZ(26.0100, 29.5114, 31.5047)
contains.

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Color

**XYZ(25.9323, 29.4373,
31.5093)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 849892 |
| RGB | 132, 152, 146 |
| RGB Percent | 52%, 60%, 57% |
| CMY | 0.4823, 0.4039, 0.4274 |
| CMYK | 0.13, 0.00, 0.04, 0.40 |
| HSL | 162°, 9%, 56% |
| HSV | 162°, 13%, 60% |
| XYZ | 25.9323, 29.4373, 31.5093 |
| YIQ | 145.3360, -9.9940, -6.1060 |

Conversions

Conversions Part 2

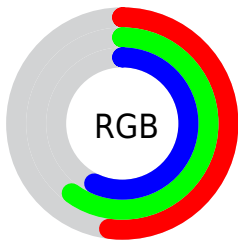
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 132, 144, 152 |
| Decimal | 8689810 |
| CIE _{Lab} | 61.17, -8.32, 0.76 |
| CIE _{LCh} | 61, 8.352, 174.810 |
| Yxy | 29.4373, 0.2985, 0.3388 |
| Android (android.graphics.Color) | 4286879890 (0xFF849892) |
| YUV | 145.3360, 0.3274, -11.6957 |
| Hunter-Lab | 54.2562, -9.6323, 3.5466 |

Details

The XYZ color **25.9323, 29.4373, 31.5093** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7887, 25.0138, 27.5151**, and the grayscale version is **27.0526, 28.4615, 30.9945**.

A 20% lighter version of the original color is **52.5042, 58.6270, 63.1925**, and **10.2447, 11.9457, 12.8321** is the 20% darker color. If you saturate the color by 10%, you get **23.3787, 28.1619, 29.5748**, and if you desaturate by 10%, it is **28.8481, 30.8994, 33.5359**.

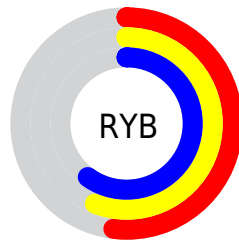
Distribution



Red (52%)

Green (60%)

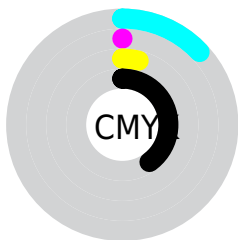
Blue (57%)



Red (52%)

Yellow (56%)

Blue (60%)

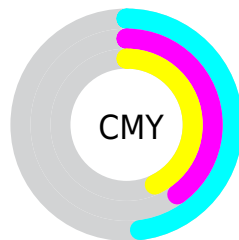


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (40%)



Cyan (48%)

Magenta (40%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9323, 29.4373, 31.5093 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 25.9323, 29.4373, 31.5093 by changing the saturation by 10% instead.

■ 25.9323, 29.4373,
31.5093

■ 25.9323, 29.4373,
31.5093

274.7124,
299.2727, 323.3014

■ 16.9054, 19.4119,
20.7253

■ 52.5978, 58.7712,
63.1300

■ 10.2620, 11.9683,
12.7340

■ 70.9671, 78.8484,
84.8037

■ 5.6366, 6.7221,
7.1171

■ 93.1813, 103.0450,
110.9444

■ 2.6639, 3.2889,
3.4559

119.6057,
131.7454, 141.9706

■ 0.9786, 1.2844,
1.3319

150.6056,
165.3340, 178.3009

■ 0.0000, 0.1290,
0.0877

186.5465,

■ 0.0000, 0.0000,

204.1951, 220.3537

0.0000

227.7936,
248.7132, 268.5477

■ 25.9323, 29.4373,
31.5093

■ 25.9323, 29.4373,
31.5093

■ 23.3787, 28.1619,
29.5748

■ 28.8481, 30.8994,
33.5359

■ 21.1698, 27.0617,
27.7289

■ 32.1377, 32.5518,
35.6542

■ 19.2901, 26.1297,
25.9705

■ 35.8155, 34.4026,
37.8662

■ 17.7222, 25.3568,
24.2981

■ 39.8940, 36.4583,
40.1733

■ 16.4470, 24.7332,
22.7099

■ 44.3855, 38.7252,
42.5770

■ 15.4430, 24.2479,
21.2038

■ 49.3016, 41.2093,
45.0785

■ 14.6859, 23.8884,
19.7778

■ 54.6534, 43.9162,
47.6791

■ 14.1468, 23.6398,
18.4297

■ 60.4516, 46.8515,
50.3801

■ 13.8506, 23.5062,
17.5493

■ 61.4441, 47.3076,
52.9365

Harmonies

Analogous

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



26.2919, 29.4373, 28.6980



25.9323, 29.4373, 31.5093



26.1094, 29.4373, 34.6524

Triad

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



25.9323, 29.4373, 31.5093



28.8730, 29.4373, 37.8494



29.2116, 29.4373, 27.3679

Complementary

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



25.9323, 29.4373, 31.5093



25.7887, 25.0138, 27.5151

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.



29.9363, 29.4373, 29.5855



25.9323, 29.4373, 31.5093



29.7373, 29.4373, 35.6582

Square

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



25.9323, 29.4373, 31.5093



27.7891, 29.4373, 38.4473



30.1312, 29.4373, 32.6013



28.1704, 29.4373, 26.4088

Rectangle

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



25.9323, 29.4373, 31.5093



26.5105, 29.4373, 36.4973



30.1312, 29.4373, 32.6013



29.5013, 29.4373, 27.9836

Sweetspot

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



25.9331, 29.4385, 31.5100



50.4173, 54.2871, 58.8561



25.9306, 29.5554, 26.1685



11.3724, 12.2952, 13.3187



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.



25.9331, 29.4385, 31.5100



44.2836, 51.2147, 54.5217



25.8265, 28.4582, 33.8389



6.3056, 6.9950, 7.5325



11.6270, 19.7142, 14.7882



0.1896, 0.3011, 0.3044

Inverse Universe

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



25.7887, 25.0138, 27.5151



43.9746, 41.7393, 45.9682



25.8720, 25.8568, 25.4577



6.2813, 6.2517, 6.8614



11.2769, 5.7650, 2.7170



0.1833, 0.0921, 0.1180

Previews

White Background



This preview shows how the XYZ color 25.9323, 29.4373, 31.5093 looks on a white background.

Color Contrast Check

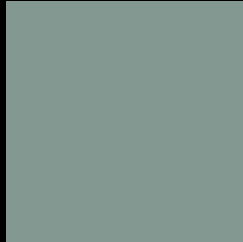
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9323, 29.4373, 31.5093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

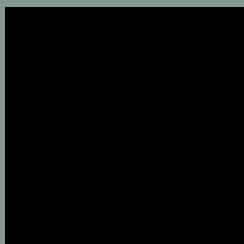
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

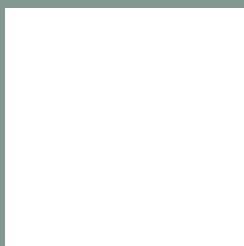
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9323, 29.4373, 31.5093

Background



This preview shows how black text looks on a background with the XYZ color 25.9323, 29.4373, 31.5093.



This preview shows how white text looks on a background with the XYZ color 25.9323, 29.4373,

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

25.9323, 29.4373, 31.5093

Protanopia

28.1541, 29.4299, 30.1833

Deuteranopia

29.8657, 29.3601, 32.1099



Tritanopia

27.4196, 29.5722, 38.4453

Trichromacy



Original Color

25.9323, 29.4373, 31.5093

Protanomaly

27.2831, 29.4378, 30.6296

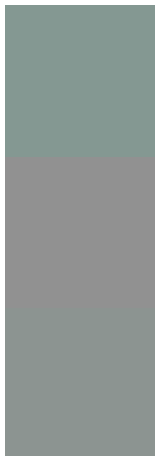
Deuteranomaly

28.1230, 29.1484, 31.7477

Tritanomaly

26.8989, 29.6018, 35.7485

Monochromacy



Original Color

25.9323, 29.4373, 31.5093

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5160, 28.7996, 30.9494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9323, 29.4373, 31.5093 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(132, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(132, 152, 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(132, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 152, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.9323, 29.4373, 31.5093 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(132, 152, 146) }
```


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

```
.border{ border-color:rgb(132, 152, 146) }
```

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

Here you see how a box with a 4 pixel rgb(132, 152, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(132, 152,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9323, 29.4373, 31.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 152, 146) }
```

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

```
.background{ background-color: rgb(132,  
152, 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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