

Converting Colors

XYZ(25.7557, 29.8805, 29.3747)

Have a look what the booklet for
XYZ(25.7557, 29.8805, 29.3747)
contains.

XYZ(25.8049, 29.9102, 29.2241)	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(25.8049, 29.9102,
29.2241)**

Conversions

Conversions Part 1

Format	Color
Hex	849A8C
RGB	132, 154, 140
RGB Percent	52%, 60%, 55%
CMY	0.4824, 0.3961, 0.4510
CMYK	0.14, 0.00, 0.09, 0.40
HSL	142°, 10%, 56%
HSV	142°, 14%, 60%
XYZ	25.8049, 29.9102, 29.2241
YIQ	145.8260, -8.6180, -9.0180

Conversions

Conversions Part 2

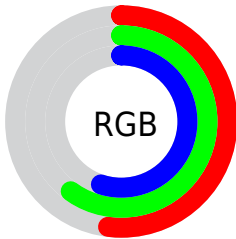
Format	Color
R_{YB}	132, 148, 154
Decimal	8690316
CIE _{Lab}	61.58, -10.62, 4.74
CIE _{LCh}	62, 11.632, 155.937
Yxy	29.9102, 0.3038, 0.3521
Android (android.graphics.Color)	4286880396 (0xFF849A8C)
YUV	145.8260, -2.8722, -12.1254
Hunter-Lab	54.6902, -11.4849, 6.6011

Details

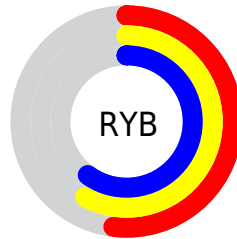
The XYZ color **25.8049, 29.9102, 29.2241** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7670, 25.4485, 30.6967**, and the grayscale version is **27.2649, 28.6848, 31.2378**.

A 20% lighter version of the original color is **52.3011, 59.3211, 59.7325**, and **10.1754, 12.2325, 11.4977** is the 20% darker color. If you saturate the color by 10%, you get **22.8815, 28.4838, 25.4816**, and if you desaturate by 10%, it is **29.1499, 31.5482, 33.3236**.

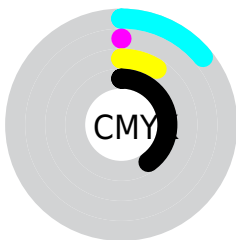
Distribution



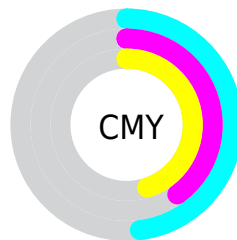
- Red (52%)
- Green (60%)
- Blue (55%)



- Red (52%)
- Yellow (58%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8049, 29.9102, 29.2241 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 25.8049, 29.9102, 29.2241 by changing the saturation by 10% instead.

■ 25.8049, 29.9102,
29.2241

■ 25.8049, 29.9102,
29.2241

274.0973,
301.4857, 312.3648

■ 16.8097, 19.7704,
19.0034

■ 52.3936, 59.5201,
59.4794

■ 10.1933, 12.2283,
11.4959

■ 70.7177, 79.7591,
80.3510

■ 5.5906, 6.8993,
6.2831

■ 92.8822, 104.1333,
105.6100

■ 2.6360, 3.3992,
2.9464

119.2524,
133.0270, 135.6750

■ 0.9644, 1.3435,
1.0673

150.1937,
166.8247, 170.9644

■ 0.0000, 0.1745,
0.0000

186.0713,

■ 0.0000, 0.0000,

205.9108, 211.8968

0.0000

227.2508,
250.6696, 258.8908

■ 25.8049, 29.9102,
29.2241

■ 25.8049, 29.9102,
29.2241

■ 22.8815, 28.4838,
25.4816

■ 29.1499, 31.5482,
33.3236

■ 20.3599, 27.2564,
22.0847

■ 32.9302, 33.4021,
37.7873

■ 18.2227, 26.2202,
19.0240

■ 37.1620, 35.4810,
42.6247

■ 16.4500, 25.3650,
16.2891

■ 41.8597, 37.7921,
47.8443

■ 15.0199, 24.6799,
13.8691

■ 47.0372, 40.3424,
53.4544

■ 13.9084, 24.1525,
11.7523

■ 52.7079, 43.1386,
59.4628

■ 13.0877, 23.7691,
9.9263

■ 58.8845, 46.1872,
65.8775

■ 12.5248, 23.5125,
8.3777

■ 65.5044, 49.4557,
72.7023

■ 12.2699, 23.3979,
7.6105

■ 66.8286, 49.9853,
79.6755

Harmonies

Analogous

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



26.7228, 29.9102, 26.1607



25.8049, 29.9102, 29.2241



25.5788, 29.9102, 33.4539

Triad

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



25.8049, 29.9102, 29.2241



28.7367, 29.9102, 41.7703



30.8991, 29.9102, 27.8306

Complementary

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



25.8049, 29.9102, 29.2241



26.7670, 25.4485, 30.6967

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.



31.4829, 29.9102, 31.6961



25.8049, 29.9102, 29.2241



30.2057, 29.9102, 39.9423

Square

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



25.8049, 29.9102, 29.2241



27.2362, 29.9102, 40.9578



31.2247, 29.9102, 36.1558



29.6557, 29.9102, 25.4086

Rectangle

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



25.8049, 29.9102, 29.2241



25.8434, 29.9102, 36.4266



31.2247, 29.9102, 36.1558



31.1810, 29.9102, 28.9904

Sweetspot

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



25.8057, 29.9115, 29.2248



53.0846, 57.3727, 60.6931



27.6290, 30.9171, 26.3414



11.9109, 12.9348, 13.6118



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.8057, 29.9115, 29.2248



45.1743, 53.5024, 50.9425



26.6339, 30.2427, 33.5856



6.2204, 6.9609, 7.0838



10.0121, 19.0683, 6.2844



0.1661, 0.2917, 0.1807

Inverse Universe

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



26.7670, 25.4485, 30.6967



47.2496, 43.8660, 54.1195



25.9729, 25.1309, 26.5148



6.3658, 6.2855, 7.3066



12.6713, 6.3227, 10.0598



0.2068, 0.1015, 0.2417

Previews

White Background



This preview shows how the XYZ color 25.8049, 29.9102, 29.2241 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 25.8049, 29.9102, 29.2241 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

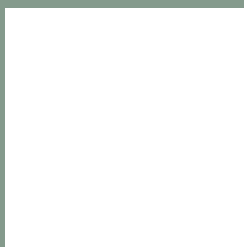
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8049, 29.9102, 29.2241

Background



This preview shows how black text looks on a background with the XYZ color 25.8049, 29.9102, 29.2241.



This preview shows how white text looks on a background with the XYZ color 25.8049, 29.9102,

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

25.8049, 29.9102, 29.2241

Protanopia

28.4317, 29.8560, 27.9312

Deuteranopia

30.2220, 29.5972, 29.7112



Tritanopia

27.8308, 30.0118, 38.9763

Trichromacy



Original Color

25.8049, 29.9102, 29.2241

Protanomaly

27.3479, 29.7587, 28.3474

Deuteranomaly

28.3783, 29.5628, 29.4098

Tritanomaly

27.1363, 29.9739, 35.3657

Monochromacy



Original Color

25.8049, 29.9102, 29.2241

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.7660, 29.1712, 30.6054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8049, 29.9102, 29.2241 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, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 154, 140)  
}
```

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, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 154, 140) }
```

Border

The CSS property to change the border of an element to XYZ 25.8049, 29.9102, 29.2241 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, 154, 140) }
```


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

```
.border{ border-color:rgb(132, 154, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 154, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 154,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8049, 29.9102, 29.2241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 154, 140) }
```

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

```
.background{ background-color: rgb(132,  
154, 140) }
```

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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