

Converting Colors

XYZ(25.1447, 25.1538, 29.3089)

Have a look what the booklet for
XYZ(25.1447, 25.1538, 29.3089)
contains.

XYZ(25.2235, 25.3007, 29.1453)	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(25.2235, 25.3007,
29.1453)**

Conversions

Conversions Part 1

Format	Color
Hex	91878E
RGB	145, 135, 142
RGB Percent	57%, 53%, 56%
CMY	0.4314, 0.4706, 0.4431
CMYK	0.00, 0.07, 0.02, 0.43
HSL	318°, 4%, 55%
HSV	318°, 7%, 57%
XYZ	25.2235, 25.3007, 29.1453
YIQ	138.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

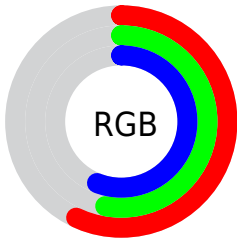
Format	Color
R_{YB}	145, 135, 142
Decimal	9537422
CIE Lab	57.37, 5.07, -2.40
CIE LCh	57, 5.612, 334.692
Yxy	25.3007, 0.3166, 0.3176
Android (android.graphics.Color)	4287727502 (0xFF91878E)
YUV	138.7880, 1.5835, 5.4479
Hunter-Lab	50.2998, 1.4865, 0.8554

Details

The XYZ color **25.2235, 25.3007, 29.1453** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7055, 27.2373, 28.0013**, and the grayscale version is **24.4528, 25.7263, 28.0159**.

A 20% lighter version of the original color is **51.5002, 52.0941, 59.5654**, and **9.8996, 9.7026, 11.4762** is the 20% darker color. If you saturate the color by 10%, you get **23.0165, 21.3991, 26.8295**, and if you desaturate by 10%, it is **27.7202, 29.7607, 31.6213**.

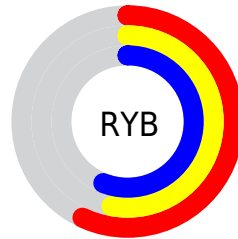
Distribution



Red (57%)

Green (53%)

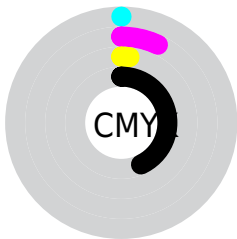
Blue (56%)



Red (57%)

Yellow (53%)

Blue (56%)

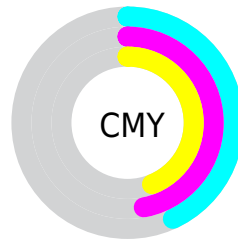


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (43%)



Cyan (43%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2235, 25.3007, 29.1453 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 25.2235, 25.3007, 29.1453 by changing the saturation by 10% instead.

■ 25.2235, 25.3007,
29.1453

■ 25.2235, 25.3007,
29.1453

271.2763,
279.3322, 311.9823

■ 16.3733, 16.3012,
18.9442

■ 51.4599, 52.1446,
59.3528

■ 9.8812, 9.7376,
11.4536

■ 69.5767, 70.7579,
80.1963

■ 5.3819, 5.2253,
6.2548

■ 91.5131, 93.3445,
105.4244

■ 2.5101, 2.3801,
2.9293

117.6345,
120.2889, 135.4556

■ 0.9003, 0.8156,
1.0587

148.3061,
151.9755, 170.7084

■ 0.0000, 0.0000,
0.0000

183.8934,

188.7886, 211.6015

224.7617,
231.1127, 258.5532

■ 25.2235, 25.3007,
29.1453

■ 25.2235, 25.3007,
29.1453

■ 23.0165, 21.3991,
26.8295

■ 27.7202, 29.7607,
31.6213

■ 21.0859, 18.0303,
24.6677

■ 30.5151, 34.7968,
34.2599

■ 19.4205, 15.1719,
22.6557

■ 33.6189, 40.4299,
37.0659

■ 18.0073, 12.7984,
20.7887

■ 37.0412, 46.6788,
40.0430

■ 16.8324, 10.8821,
19.0611

■ 40.7911, 53.5616,
43.1949

■ 15.8806, 9.3925,
17.4670

■ 44.8774, 61.0957,
46.5252

■ 15.1344, 8.2954,
16.0001

■ 49.3084, 69.2976,
50.0375

■ 14.5741, 7.5513,
14.6528

■ 54.0924, 78.1835,
53.7349

■ 14.1663, 7.0937,
13.4131

■ 55.7940, 80.8826,
56.4731

Harmonies

Analogous

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



24.7836, 25.3007, 30.6739



25.2235, 25.3007, 29.1453



25.3461, 25.3007, 27.2493

Triad

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



25.2235, 25.3007, 29.1453



23.9430, 25.3007, 24.0534



23.0103, 25.3007, 29.6880

Complementary

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



25.2235, 25.3007, 29.1453



24.7055, 27.2373, 28.0013

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.



22.7941, 25.3007, 27.8492



25.2235, 25.3007, 29.1453



23.3263, 25.3007, 24.6423

Square

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



25.2235, 25.3007, 29.1453



24.5989, 25.3007, 24.3649



22.9087, 25.3007, 26.0105



23.5045, 25.3007, 30.9972

Rectangle

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



25.2235, 25.3007, 29.1453



25.2295, 25.3007, 26.0448



22.9087, 25.3007, 26.0105



22.9031, 25.3007, 29.1083

Sweetspot

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



25.2242, 25.3018, 29.1458



47.2759, 49.0597, 54.3107



24.2571, 24.7768, 30.2923



10.5301, 10.9373, 12.0950



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.2242, 25.3018, 29.1458



44.6412, 44.3676, 51.6520



24.8572, 25.1550, 27.2133



5.5583, 5.4838, 6.4378



12.0631, 5.9823, 11.2494



0.1251, 0.0611, 0.1590

Inverse Universe

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



25.2242, 25.3018, 29.1458



44.6412, 44.3676, 51.6520



25.0758, 27.3854, 29.9514



5.5583, 5.4838, 6.4378



12.0631, 5.9823, 11.2494



0.1251, 0.0611, 0.1590

Previews

White Background



This preview shows how the XYZ color 25.2235, 25.3007, 29.1453 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 25.2235, 25.3007, 29.1453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

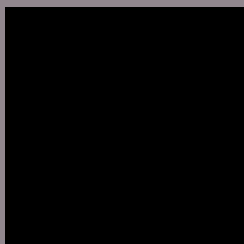
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2235, 25.3007, 29.1453

Background



This preview shows how black text looks on a background with the XYZ color 25.2235, 25.3007, 29.1453.



This preview shows how white text looks on a background with the XYZ color 25.2235, 25.3007,

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

25.2235, 25.3007, 29.1453

Protanopia

24.5510, 25.3635, 29.5883

Deuteranopia

25.8020, 25.3927, 29.1326



Tritanopia

25.4519, 25.3920, 30.3478

Trichromacy



Original Color

25.2235, 25.3007, 29.1453

Protanomaly

24.7466, 25.2542, 29.5569

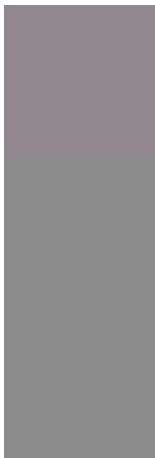
Deuteranomaly

25.6203, 25.2991, 29.1241

Tritanomaly

25.3751, 25.3613, 29.9434

Monochromacy



Original Color

25.2235, 25.3007, 29.1453

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8066, 25.7331, 28.4705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2235, 25.3007, 29.1453 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(145, 135, 142)` looks like.

```
.text, #text, p{  
    color:rgb(145, 135, 142)  
}
```

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(145, 135, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 135, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.2235, 25.3007, 29.1453 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(145, 135, 142) }
```


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

```
.border{ border-color:rgb(145, 135, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 135, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 135, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 135, 142);  
box-shadow:4px 4px 4px 4px rgb(145, 135,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2235, 25.3007, 29.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 135, 142) }
```

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

```
.background{ background-color: rgb(145,  
135, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor