

Converting Colors

XYZ(24.6047, 28.9136, 7.8489)

Have a look what the booklet for
XYZ(24.6047, 28.9136, 7.8489)
contains.

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Color

**XYZ(24.7051, 29.0845,
7.9262)**

Conversions

Conversions Part 1

Format	Color
Hex	989737
RGB	152, 151, 55
RGB Percent	60%, 59%, 22%
CMY	0.4039, 0.4078, 0.7843
CMYK	0.00, 0.01, 0.64, 0.40
HSL	59°, 47%, 41%
HSV	59°, 64%, 60%
XYZ	24.7051, 29.0845, 7.9262
YIQ	140.3550, 31.4120, -29.6440

Conversions

Conversions Part 2

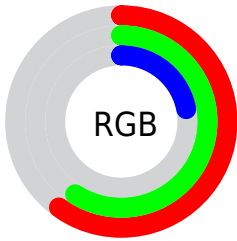
Format	Color
RYB	56, 152, 55
Decimal	10000183
CIELab	60.86, -12.18, 49.00
CIElCh	61, 50.493, 103.961
Yxy	29.0845, 0.4003, 0.4713
Android (android.graphics.Color)	4288190263 (0xFF989737)
YUV	140.3550, -42.0800, 10.2127
Hunter-Lab	53.9300, -12.6076, 29.0371

Details

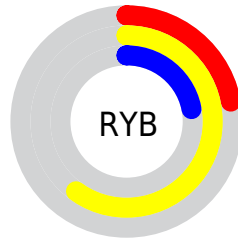
The XYZ color **24.7051, 29.0845, 7.9262** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.6572, 5.9075, 30.3895**, and the grayscale version is **25.2164, 26.5296, 28.8908**.

A 20% lighter version of the original color is **50.7797, 58.2795, 22.4826**, and **9.5942, 11.7110, 1.7548** is the 20% darker color. If you saturate the color by 10%, you get **24.3707, 28.9117, 6.2860**, and if you desaturate by 10%, it is **25.1531, 29.3050, 10.1587**.

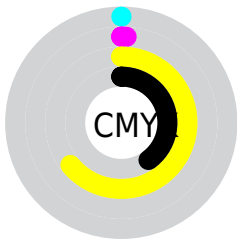
Distribution



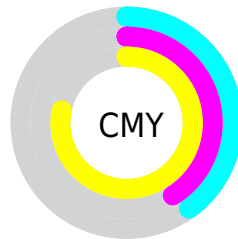
- Red (60%)
- Green (59%)
- Blue (22%)



- Red (22%)
- Yellow (60%)
- Blue (22%)



- Cyan (0%)
- Magenta (1%)
- Yellow (64%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7051, 29.0845, 7.9262 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 24.7051, 29.0845, 7.9262 by changing the saturation by 10% instead.

■ 24.7051, 29.0845,
7.9262

■ 24.7051, 29.0845,
7.9262

■ 268.7409,
297.6134, 185.0650

■ 15.9850, 19.1448,
3.9607

■ 50.6248, 58.2113,
22.3574

■ 9.6043, 11.7749,
1.6038

■ 68.5551, 78.1672,
33.6602

■ 5.1977, 6.5906,
0.2935

■ 90.2861, 102.2305,
48.2458

■ 2.3997, 3.2074,
0.0000

■ 116.1834,
130.7857, 66.5327

■ 0.8449, 1.2410,
0.0000

■ 146.6121,
164.2173, 88.9396

■ 0.0000, 0.0948,
0.0000

■ 181.9377,

■ 0.0000, 0.0000,

202.9095, 115.8849

0.0000

222.5255,
247.2467, 147.7871

■ 24.7051, 29.0845,
7.9262

■ 24.7051, 29.0845,
7.9262

■ 24.3707, 28.9117,
6.2860

■ 25.1531, 29.3050,
10.1587

■ 24.1372, 28.7782,
5.1800

■ 25.7221, 29.5728,
13.0309

■ 23.9925, 28.6803,
4.5413

■ 26.4211, 29.8927,
16.5875

■ 23.9255, 28.6288,
4.2649

■ 27.2577, 30.2677,
20.8685

■ 28.2389, 30.7006,
25.9111

■ 29.3714, 31.1940,
31.7499

■ 30.6612, 31.7504,
38.4171

■ 32.1142, 32.3722,
45.9434

■ 33.7359, 33.0615,
54.3580

Harmonies

Analogous

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



31.2856, 29.0845, 8.0620



24.7051, 29.0845, 7.9262



19.7650, 29.0845, 12.1036

Triad

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



24.7051, 29.0845, 7.9262



19.5069, 29.0845, 64.0312



41.6589, 29.0845, 42.7605

Complementary

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



24.7051, 29.0845, 7.9262



8.6572, 5.9075, 30.3895

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.



37.3797, 29.0845, 65.5275



24.7051, 29.0845, 7.9262



24.2964, 29.0845, 80.7574

Square

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



24.7051, 29.0845, 7.9262



17.1019, 29.0845, 41.2295



30.8071, 29.0845, 81.3934



41.8151, 29.0845, 23.7125

Rectangle

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



24.7051, 29.0845, 7.9262



17.7709, 29.0845, 18.2862



30.8071, 29.0845, 81.3934



40.6278, 29.0845, 50.3667

Sweetspot

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



24.7058, 29.0858, 7.9268



48.8504, 53.7526, 40.6213



15.0442, 9.6996, 4.9006



11.0018, 12.1725, 8.7127



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.



24.7058, 29.0858, 7.9268



42.8029, 50.9136, 10.0702



17.7574, 25.7426, 7.6477



6.7035, 7.2120, 6.6446



20.0627, 24.0078, 3.5765



0.3014, 0.3619, 0.0540

Inverse Universe

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



8.6572, 5.9075, 30.3895



12.0980, 6.5731, 53.0648



12.5002, 7.8177, 30.5557



5.8893, 6.0360, 7.7836



4.7677, 1.9321, 25.0293



0.0725, 0.0313, 0.3746

Previews

White Background



This preview shows how the XYZ color 24.7051, 29.0845, 7.9262 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 24.7051, 29.0845, 7.9262 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 24.7051, 29.0845, 7.9262

Background



This preview shows how black text looks on a background with the XYZ color 24.7051, 29.0845, 7.9262.



This preview shows how white text looks on a background with the XYZ color 24.7051, 29.0845,

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

24.7051, 29.0845, 7.9262

Protanopia

26.4094, 29.0263, 7.7007

Deuteranopia

29.6959, 29.1392, 8.1970



Tritanopia

29.8903, 28.8938, 33.7074

Trichromacy



Original Color

24.7051, 29.0845, 7.9262

Protanomaly

25.7530, 28.9197, 7.7148

Deuteranomaly

27.7502, 29.0227, 8.1423

Tritanomaly

27.4368, 28.8043, 20.9433

Monochromacy



Original Color

24.7051, 29.0845, 7.9262

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.2352, 26.9799, 18.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7051, 29.0845, 7.9262 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(152, 151, 55)` looks like.

```
.text, #text, p{  
    color:rgb(152, 151, 55)  
}
```

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(152, 151, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 151, 55) }
```

Border

The CSS property to change the border of an element to XYZ 24.7051, 29.0845, 7.9262 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(152, 151, 55) }
```


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

```
.border{ border-color:rgb(152, 151, 55) }
```

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

Here you see how a box with a 4 pixel rgb(152, 151, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 151, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 151, 55);  
box-shadow:4px 4px 4px 4px rgb(152, 151,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7051, 29.0845, 7.9262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 151, 55) }
```

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

```
.background{ background-color: rgb(152,  
151, 55) }
```

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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