

Converting Colors

XYZ(29.2214, 33.2977, 24.2890)

Have a look what the booklet for
XYZ(29.2214, 33.2977, 24.2890)
contains.

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Color

**XYZ(29.2214, 33.2977,
24.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	98A07D
RGB	152, 160, 125
RGB Percent	60%, 63%, 49%
CMY	0.4039, 0.3725, 0.5098
CMYK	0.05, 0.00, 0.22, 0.37
HSL	74°, 16%, 56%
HSV	74°, 22%, 63%
XYZ	29.2214, 33.2977, 24.2890
YIQ	153.6180, 6.4670, -12.5810

Conversions

Conversions Part 2

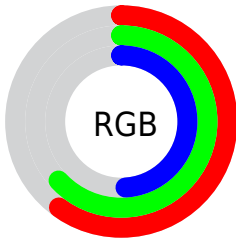
Format	Color
R _Y B	125, 160, 133
Decimal	10002557
CIE Lab	64.40, -9.10, 17.33
CIE LCh	64, 19.569, 117.697
Yxy	33.2977, 0.3366, 0.3836
Android (android.graphics.Color)	4288192637 (0xFF98A07D)
YUV	153.6180, -14.1087, -1.4190
Hunter-Lab	57.7042, -10.5898, 15.4364

Details

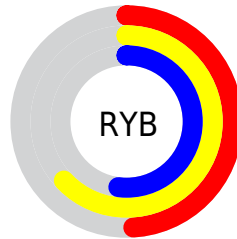
The XYZ color **29.2214, 33.2977, 24.2890** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.3529, 22.1927, 36.3123**, and the grayscale version is **30.6064, 32.2003, 35.0661**.

A 20% lighter version of the original color is **58.0684, 65.0806, 51.6208**, and **12.1400, 14.2258, 8.9435** is the 20% darker color. If you saturate the color by 10%, you get **27.6066, 32.5750, 19.3009**, and if you desaturate by 10%, it is **31.0238, 34.1001, 30.1469**.

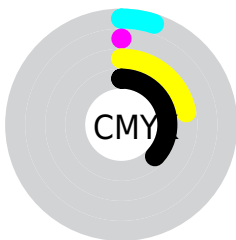
Distribution



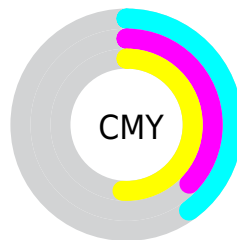
- Red (60%)
- Green (63%)
- Blue (49%)



- Red (49%)
- Yellow (63%)
- Blue (52%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2214, 33.2977, 24.2890 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 29.2214, 33.2977, 24.2890 by changing the saturation by 10% instead.

■ 29.2214, 33.2977,
24.2890

■ 29.2214, 33.2977,
24.2890

290.2335,
316.9891, 287.6118

■ 19.3935, 22.3546,
15.3340

■ 57.8238, 64.8400,
51.4511

■ 12.0606, 14.1177,
8.9049

■ 77.3290, 86.2081,
70.4953

■ 6.8575, 8.2026,
4.5832

■ 100.7907,
111.8198, 93.7396

■ 3.4187, 4.2248,
1.9504

128.5741,
142.0598, 121.6025

■ 1.3788, 1.8001,
0.5246

161.0448,
177.3123, 154.5027

■ 0.2411, 0.4872,
0.0000

198.5681,

■ 0.0000, 0.0000,

217.9617, 192.8586

0.0000

241.5092,
264.3925, 237.0888

■ 29.2214, 33.2977,
24.2890

■ 29.2214, 33.2977,
24.2890

■ 27.6066, 32.5750,
19.3009

■ 31.0238, 34.1001,
30.1469

■ 26.1687, 31.9244,
15.1388

■ 33.0186, 34.9808,
36.9110

■ 24.8998, 31.3437,
11.7588

■ 35.2140, 35.9442,
44.6184

■ 23.7905, 30.8293,
9.1116

■ 37.6164, 36.9930,
53.3036

■ 22.8302, 30.3768,
7.1426

■ 40.2324, 38.1297,
62.9991

■ 22.0068, 29.9814,
5.7895

■ 43.0680, 39.3568,
73.7360

■ 21.3061, 29.6375,
4.9784

■ 46.1290, 40.6766,
85.5441

■ 20.7999, 29.3849,
4.5756

■ 49.4210, 42.0914,
98.4521

■ 50.6115, 42.6682,
100.1760

Harmonies

Analogous

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



31.8644, 33.2977, 22.9759



29.2214, 33.2977, 24.2890



27.3298, 33.2977, 28.6537

Triad

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



29.2214, 33.2977, 24.2890



28.8690, 33.2977, 50.8436



37.3134, 33.2977, 36.8761

Complementary

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



29.2214, 33.2977, 24.2890



23.3529, 22.1927, 36.3123

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.



36.3997, 33.2977, 45.0954



29.2214, 33.2977, 24.2890



31.4335, 33.2977, 53.8632

Square

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



29.2214, 33.2977, 24.2890



27.1349, 33.2977, 43.8706



34.2063, 33.2977, 51.6206



36.6367, 33.2977, 29.5770

Rectangle

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



29.2214, 33.2977, 24.2890



26.6940, 33.2977, 33.0812



34.2063, 33.2977, 51.6206



37.1809, 33.2977, 39.6267

Sweetspot

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



29.2223, 33.2992, 24.2897



57.9998, 62.6524, 60.3482



26.5306, 25.6164, 22.9487



12.6778, 13.7219, 13.0917



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.2223, 33.2992, 24.2897



51.6585, 59.8333, 39.7196



26.2519, 31.7679, 24.1507



7.0218, 7.6439, 7.0910



16.2414, 22.9095, 3.5660



0.3240, 0.4269, 0.0653

Inverse Universe

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



23.3529, 22.1927, 36.3123



39.1693, 36.1961, 65.3086



26.2729, 23.6980, 36.4490



6.4196, 6.5048, 8.3239



5.5589, 2.2947, 26.0572



0.1322, 0.0579, 0.4674

Previews

White Background



This preview shows how the XYZ color 29.2214, 33.2977, 24.2890 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 29.2214, 33.2977, 24.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

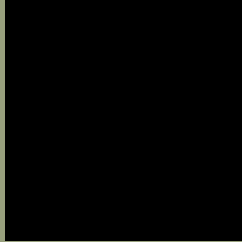
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

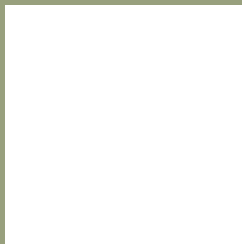
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2214, 33.2977, 24.2890

Background



This preview shows how black text looks on a background with the XYZ color 29.2214, 33.2977, 24.2890.



This preview shows how white text looks on a background with the XYZ color 29.2214, 33.2977,

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

29.2214, 33.2977, 24.2890

Protanopia

31.1895, 33.3140, 23.5253

Deuteranopia

33.7932, 33.1688, 24.6998



Tritanopia

32.6312, 33.1703, 41.2419

Trichromacy



Original Color

29.2214, 33.2977, 24.2890

Protanomaly

30.3930, 33.1462, 23.8648

Deuteranomaly

31.8991, 33.1636, 24.4586

Tritanomaly

31.2663, 33.1119, 34.4491

Monochromacy



Original Color

29.2214, 33.2977, 24.2890

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.9833, 32.5324, 30.6857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2214, 33.2977, 24.2890 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, 160, 125)` looks like.

```
.text, #text, p{  
    color:rgb(152, 160, 125)  
}
```

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, 160, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 160, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.2214, 33.2977, 24.2890 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, 160, 125) }
```


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

```
.border{ border-color:rgb(152, 160, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 160, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 160, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 160, 125);  
box-shadow:4px 4px 4px 4px rgb(152, 160,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2214, 33.2977, 24.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 160, 125) }
```

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

```
.background{ background-color: rgb(152,  
160, 125) }
```

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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