

Converting Colors

XYZ(25.5472, 29.3433, 10.8016)

Have a look what the booklet for
XYZ(25.5472, 29.3433, 10.8016)
contains.

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Color

**XYZ(25.6291, 29.4977,
10.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	9A974A
RGB	154, 151, 74
RGB Percent	60%, 59%, 29%
CMY	0.3961, 0.4078, 0.7098
CMYK	0.00, 0.02, 0.52, 0.40
HSL	58°, 35%, 45%
HSV	58°, 52%, 60%
XYZ	25.6291, 29.4977, 10.8214
YIQ	143.1190, 26.5050, -23.3110

Conversions

Conversions Part 2

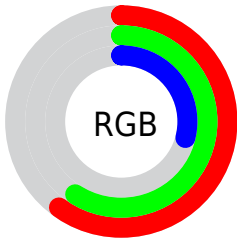
Format	Color
RYB	77, 154, 74
Decimal	10131274
CIELab	61.22, -9.81, 40.49
CIELCh	61, 41.666, 103.623
Yxy	29.4977, 0.3886, 0.4473
Android (android.graphics.Color)	4288321354 (0xFF9A974A)
YUV	143.1190, -34.0757, 9.5426
Hunter-Lab	54.3118, -10.8135, 26.2050

Details

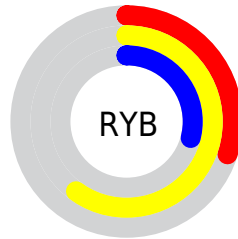
The XYZ color **25.6291, 29.4977, 10.8214** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.3106, 9.0965, 31.7314**, and the grayscale version is **26.2811, 27.6498, 30.1106**.

A 20% lighter version of the original color is **52.1113, 58.8449, 28.0137**, and **10.0995, 11.9512, 2.6942** is the 20% darker color. If you saturate the color by 10%, you get **25.0803, 29.1311, 8.3848**, and if you desaturate by 10%, it is **26.3069, 29.9187, 13.9284**.

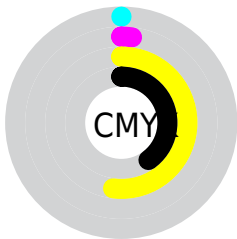
Distribution



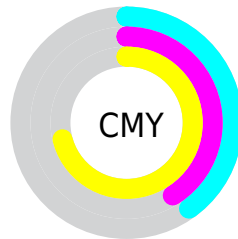
- Red (60%)
- Green (59%)
- Blue (29%)



- Red (30%)
- Yellow (60%)
- Blue (29%)



- Cyan (0%)
- Magenta (2%)
- Yellow (52%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6291, 29.4977, 10.8214 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 25.6291, 29.4977, 10.8214 by changing the saturation by 10% instead.

■ 25.6291, 29.4977,
10.8214

■ 25.6291, 29.4977,
10.8214

273.2468,
299.5561, 207.1314

■ 16.6776, 19.4576,
5.8342

■ 52.1116, 58.8669,
27.9610

■ 10.0988, 12.0014,
2.6774

■ 70.3732, 78.9648,
40.9505

■ 5.5273, 6.7446,
0.9320

■ 92.4690, 103.1842,
57.4445

■ 2.5977, 3.3029,
0.0000

■ 118.7642,
131.9094, 77.8616

■ 0.9448, 1.2919,
0.0000

■ 149.6243,
165.5247, 102.6203

■ 0.0000, 0.1349,
0.0000

185.4145,

■ 0.0000, 0.0000,

204.4147, 132.1391

0.0000

226.5002,
248.9637, 166.8366

■ 25.6291, 29.4977,
10.8214

■ 25.6291, 29.4977,
10.8214

■ 25.0803, 29.1311,
8.3848

■ 26.3069, 29.9187,
13.9284

■ 24.6487, 28.8111,
6.5670

■ 27.1199, 30.3935,
17.7485

■ 24.3245, 28.5347,
5.3120

■ 28.0766, 30.9266,
22.3233

■ 24.0949, 28.2969,
4.5528

■ 29.1843, 31.5207,
27.6905

■ 23.9529, 28.1231,
4.1658

■ 30.4495, 32.1786,
33.8853

■ 31.8787, 32.9027,
40.9408

■ 33.4776, 33.6955,
48.8882

■ 35.2520, 34.5593,
57.7574

■ 37.2073, 35.4961,
67.5767

Harmonies

Analogous

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



31.1115, 29.4977, 11.0040



25.6291, 29.4977, 10.8214



21.3818, 29.4977, 14.8608

Triad

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



25.6291, 29.4977, 10.8214



21.0845, 29.4977, 57.7375



39.4006, 29.4977, 41.3927

Complementary

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



25.6291, 29.4977, 10.8214



11.3106, 9.0965, 31.7314

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.



35.9464, 29.4977, 59.2659



25.6291, 29.4977, 10.8214



25.1714, 29.4977, 70.6061

Square

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



25.6291, 29.4977, 10.8214



18.9981, 29.4977, 39.7569



30.5905, 29.4977, 71.2422



39.5652, 29.4977, 25.5262

Rectangle

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



25.6291, 29.4977, 10.8214



19.6220, 29.4977, 20.4973



30.5905, 29.4977, 71.2422



38.5672, 29.4977, 47.4642

Sweetspot

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



25.6298, 29.4991, 10.8220



52.1011, 56.7740, 45.8560



17.1505, 12.3180, 8.6818



11.7065, 12.8042, 9.9614



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.



25.6298, 29.4991, 10.8220



45.4471, 52.8390, 14.7420



20.2630, 27.4572, 10.7108



6.6891, 7.1832, 6.6398



19.5211, 22.9247, 3.3960



0.2971, 0.3533, 0.0525

Inverse Universe

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



11.3106, 9.0965, 31.7314



16.5795, 11.7162, 56.9239



14.7122, 10.5460, 31.8319



5.9021, 6.0616, 7.7879



4.8091, 2.0148, 25.0431



0.0762, 0.0388, 0.3758

Previews

White Background



This preview shows how the XYZ color 25.6291, 29.4977, 10.8214 looks on a white background.

Color Contrast Check

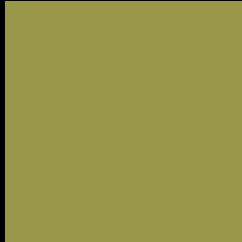
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6291, 29.4977, 10.8214 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 25.6291, 29.4977, 10.8214

Background



This preview shows how black text looks on a background with the XYZ color 25.6291, 29.4977, 10.8214.



This preview shows how white text looks on a background with the XYZ color 25.6291, 29.4977,

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

25.6291, 29.4977, 10.8214

Protanopia

26.8968, 29.4474, 10.5696

Deuteranopia

29.9205, 29.4093, 11.1208



Tritanopia

30.3231, 29.3273, 34.1995

Trichromacy



Original Color

25.6291, 29.4977, 10.8214

Protanomaly

26.4472, 29.4495, 10.5937

Deuteranomaly

28.2245, 29.4305, 11.0305

Tritanomaly

28.0616, 29.0770, 23.2022

Monochromacy



Original Color

25.6291, 29.4977, 10.8214

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.5815, 28.0688, 21.2091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6291, 29.4977, 10.8214 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(154, 151, 74)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 74)  
}
```

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(154, 151, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 74) }
```

Border

The CSS property to change the border of an element to XYZ 25.6291, 29.4977, 10.8214 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(154, 151, 74) }
```


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

```
.border{ border-color:rgb(154, 151, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 74);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6291, 29.4977, 10.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 74) }
```

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

```
.background{ background-color: rgb(154,  
151, 74) }
```

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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