

Converting Colors

XYZ(25.6735, 29.2481, 14.9758)

Have a look what the booklet for
XYZ(25.6735, 29.2481, 14.9758)
contains.

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Color

**XYZ(25.6892, 29.2002,
14.8719)**

Conversions

Conversions Part 1

Format	Color
Hex	97965E
RGB	151, 150, 94
RGB Percent	59%, 59%, 37%
CMY	0.4078, 0.4117, 0.6314
CMYK	0.00, 0.01, 0.38, 0.41
HSL	59°, 23%, 48%
HSV	59°, 38%, 59%
XYZ	25.6892, 29.2002, 14.8719
YIQ	143.9150, 18.5720, -17.2040

Conversions

Conversions Part 2

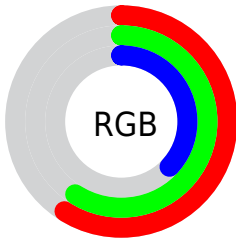
Format	Color
RYB	95, 151, 94
Decimal	9934430
CIELab	60.96, -8.44, 29.69
CIELCh	61, 30.863, 105.868
Yxy	29.2002, 0.3682, 0.4186
Android (android.graphics.Color)	4288124510 (0xFF97965E)
YUV	143.9150, -24.6081, 6.2135
Hunter-Lab	54.0372, -9.7065, 21.5085

Details

The XYZ color **25.6892, 29.2002, 14.8719** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.2941, 12.7980, 30.9949**, and the grayscale version is **26.5664, 27.9499, 30.4374**.

A 20% lighter version of the original color is **52.1573, 58.3519, 35.3021**, and **10.1006, 11.7736, 4.3249** is the 20% darker color. If you saturate the color by 10%, you get **25.0351, 28.8724, 11.6318**, and if you desaturate by 10%, it is **26.4774, 29.5839, 18.8114**.

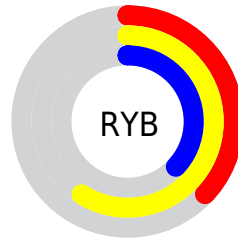
Distribution



Red (59%)

Green (59%)

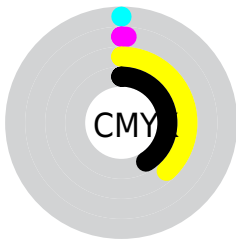
Blue (37%)



Red (37%)

Yellow (59%)

Blue (37%)

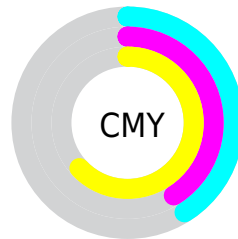


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (41%)



Cyan (41%)

Magenta (41%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6892, 29.2002, 14.8719 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 25.6892, 29.2002, 14.8719 by changing the saturation by 10% instead.

■ 25.6892, 29.2002,
14.8719

■ 25.6892, 29.2002,
14.8719

273.5378,
298.1584, 234.2036

■ 16.7227, 19.2323,
8.5839

■ 52.2080, 58.3950,
35.3674

■ 10.1311, 11.8383,
4.3777

■ 70.4911, 78.3907,
50.4120

■ 5.5489, 6.6336,
1.8348

■ 92.6103, 102.4979,
69.2126

■ 2.6108, 3.2341,
0.4507

■ 118.9312,
131.1008, 92.1876

■ 0.9515, 1.2551,
0.0000

149.8191,
164.5839, 119.7557

■ 0.0000, 0.1060,
0.0000

185.6392,

■ 0.0000, 0.0000,

203.3316, 152.3354

0.0000

226.7570,
247.7283, 190.3451

■ 25.6892, 29.2002,
14.8719

■ 25.6892, 29.2002,
14.8719

■ 25.0351, 28.8724,
11.6318

■ 26.4774, 29.5839,
18.8114

■ 24.5053, 28.5933,
9.0484

■ 27.4047, 30.0224,
23.4862

■ 24.0918, 28.3609,
7.0773

■ 28.4784, 30.5196,
28.9317

■ 23.7849, 28.1714,
5.6675

■ 29.7048, 31.0780,
35.1805

■ 23.5736, 28.0202,
4.7600

■ 31.0897, 31.7000,
42.2635

■ 23.4373, 27.8992,
4.2475

■ 32.6386, 32.3877,
50.2099

■ 23.4093, 27.8731,
4.1462

■ 34.3568, 33.1433,
59.0473

■ 36.2494, 33.9688,
68.8023

■ 38.3211, 34.8661,
79.5004

Harmonies

Analogous

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



29.6886, 29.2002, 14.7673



25.6892, 29.2002, 14.8719



22.5568, 29.2002, 18.7125

Triad

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



25.6892, 29.2002, 14.8719



22.7016, 29.2002, 50.5244



35.9645, 29.2002, 37.5245

Complementary

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



25.6892, 29.2002, 14.8719



14.2941, 12.7980, 30.9949

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.



33.6937, 29.2002, 49.8799



25.6892, 29.2002, 14.8719



25.9051, 29.2002, 58.5268

Square

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



25.6892, 29.2002, 14.8719



20.9493, 29.2002, 38.2542



29.9264, 29.2002, 58.2658



35.8923, 29.2002, 26.1055

Rectangle

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



25.6892, 29.2002, 14.8719



21.2674, 29.2002, 23.5586



29.9264, 29.2002, 58.2658



35.4410, 29.2002, 41.7547

Sweetspot

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



25.6899, 29.2015, 14.8725



50.3034, 54.3357, 48.2662



18.8721, 15.4277, 13.0258



11.3788, 12.3246, 10.6938



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.



25.6899, 29.2015, 14.8725



45.0344, 51.8091, 21.8119



21.4572, 27.2563, 14.7201



6.6997, 7.2044, 6.6433



19.9173, 23.7170, 3.5281



0.3003, 0.3596, 0.0536

Inverse Universe

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



14.2941, 12.7980, 30.9949



21.7131, 18.2410, 54.8101



17.4180, 14.2762, 31.1156



5.8927, 6.0427, 7.7848



4.7787, 1.9540, 25.0330



0.0735, 0.0333, 0.3749

Previews

White Background



This preview shows how the XYZ color 25.6892, 29.2002, 14.8719 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 25.6892, 29.2002, 14.8719 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 25.6892, 29.2002, 14.8719

Background



This preview shows how black text looks on a background with the XYZ color 25.6892, 29.2002, 14.8719.



This preview shows how white text looks on a background with the XYZ color 25.6892, 29.2002,

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

25.6892, 29.2002, 14.8719

Protanopia

26.9067, 29.1313, 14.5607

Deuteranopia

29.7677, 29.2414, 15.1416



Tritanopia

29.7557, 29.2471, 34.6488

Trichromacy



Original Color

25.6892, 29.2002, 14.8719

Protanomaly

26.4703, 29.1382, 14.5850

Deuteranomaly

28.1873, 29.0976, 14.9572

Tritanomaly

27.9613, 29.1923, 25.9907

Monochromacy



Original Color

25.6892, 29.2002, 14.8719

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0774, 28.2672, 23.8203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6892, 29.2002, 14.8719 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(151, 150, 94)` looks like.

```
.text, #text, p{  
    color:rgb(151, 150, 94)  
}
```

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(151, 150, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 150, 94) }
```

Border

The CSS property to change the border of an element to XYZ 25.6892, 29.2002, 14.8719 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(151, 150, 94) }
```


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

```
.border{ border-color:rgb(151, 150, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 150, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 150, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 150, 94);  
box-shadow:4px 4px 4px 4px rgb(151, 150,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6892, 29.2002, 14.8719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 150, 94) }
```

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

```
.background{ background-color: rgb(151,  
150, 94) }
```

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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