

Converting Colors

XYZ(28.8322, 29.8941, 14.6064)

Have a look what the booklet for
XYZ(28.8322, 29.8941, 14.6064)
contains.

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Color

**XYZ(28.8322, 29.8941,
14.6064)**

Conversions

Conversions Part 1

Format	Color
Hex	AA925D
RGB	170, 146, 93
RGB Percent	67%, 57%, 36%
CMY	0.3333, 0.4274, 0.6353
CMYK	0.00, 0.14, 0.45, 0.33
HSL	41°, 31%, 52%
HSV	41°, 45%, 67%
XYZ	28.8322, 29.8941, 14.6064
YIQ	147.1340, 31.3170, -11.3950

Conversions

Conversions Part 2

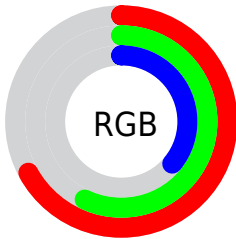
Format	Color
R_{YB}	128, 170, 93
Decimal	11178589
CIE _{Lab}	61.56, 1.63, 31.35
CIE _{LCh}	62, 31.389, 87.015
Yxy	29.8941, 0.3932, 0.4077
Android (android.graphics.Color)	4289368669 (0xFFAA925D)
YUV	147.1340, -26.6881, 20.0535
Hunter-Lab	54.6755, -1.5532, 22.4337

Details

The XYZ color **28.8322, 29.8941, 14.6064** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.1309, 17.9513, 40.5395**, and the grayscale version is **27.8871, 29.3394, 31.9506**.

A 20% lighter version of the original color is **57.3669, 59.6531, 34.8762**, and **11.8590, 12.2682, 4.2256** is the 20% darker color. If you saturate the color by 10%, you get **27.3638, 28.0312, 10.8061**, and if you desaturate by 10%, it is **30.5074, 31.9025, 19.3021**.

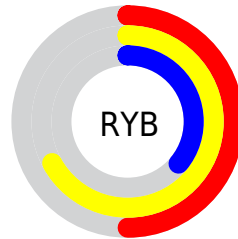
Distribution



Red (67%)

Green (57%)

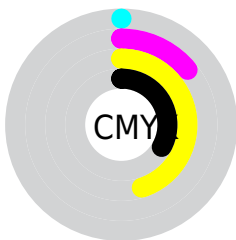
Blue (36%)



Red (50%)

Yellow (67%)

Blue (36%)

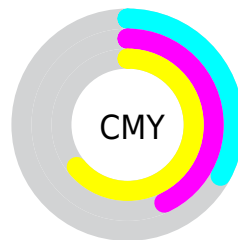


Cyan (0%)

Magenta (14%)

Yellow (45%)

Black (33%)



Cyan (33%)


Magenta (43%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8322, 29.8941, 14.6064 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 28.8322, 29.8941, 14.6064 by changing the saturation by 10% instead.


 28.8322, 29.8941,
14.6064


 28.8322, 29.8941,
14.6064


288.4309,
301.4105, 232.5295


 19.0976, 19.7582,
8.4001


 57.2098, 59.4947,
34.8937

 11.8452, 12.2194,
4.2606


 76.5834, 79.7281,
49.8117

 6.7098, 6.8933,
1.7694


 99.9008, 104.0963,
68.4707

 3.3260, 3.3955,
0.4076

 127.5273,
132.9834, 91.2893

 1.3284, 1.3415,
0.0000

159.8281,
166.7741, 118.6859

 0.2043, 0.1730,
0.0000

197.1688,

 0.0000, 0.0000,

205.8525, 151.0791

0.0000

239.9146,
250.6032, 188.8874

■ 28.8322, 29.8941,
14.6064

■ 28.8322, 29.8941,
14.6064

■ 27.3638, 28.0312,
10.8061

■ 30.5074, 31.9025,
19.3021

■ 26.0881, 26.3041,
7.8401

■ 32.3978, 34.0572,
24.9453

■ 24.9929, 24.7080,
5.6425

■ 34.5140, 36.3643,
31.5860

■ 24.0630, 23.2362,
4.1366

■ 36.8652, 38.8284,
39.2705

■ 23.2797, 21.8803,
3.2261

■ 39.4601, 41.4536,
48.0418

■ 22.9414, 21.2737,
2.8971

■ 42.3069, 44.2439,
57.9407

■ 45.4132, 47.2032,
69.0058

■ 48.7865, 50.3351,
81.2740

■ 52.4339, 53.6432,
94.7804

Harmonies

Analogous

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



32.9970, 29.8941, 16.8605



28.8322, 29.8941, 14.6064



24.9310, 29.8941, 16.1024

Triad

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



28.8322, 29.8941, 14.6064



21.8633, 29.8941, 44.1102



35.6692, 29.8941, 46.6903

Complementary

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



28.8322, 29.8941, 14.6064



18.1309, 17.9513, 40.5395

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.



32.2059, 29.8941, 57.5366



28.8322, 29.8941, 14.6064



24.2753, 29.8941, 55.8095

Square

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



28.8322, 29.8941, 14.6064



21.1471, 29.8941, 31.3707



27.9988, 29.8941, 61.2235



37.1785, 29.8941, 33.7577

Rectangle

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



28.8322, 29.8941, 14.6064



22.9518, 29.8941, 19.2899



27.9988, 29.8941, 61.2235



34.6794, 29.8941, 50.8111

Sweetspot

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



28.8329, 29.8955, 14.6070



63.0455, 66.4308, 58.6693



23.7255, 17.6684, 19.1082



13.8694, 14.6113, 12.4745



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.8329, 29.8955, 14.6070



49.7271, 50.9622, 19.7994



30.0383, 36.5960, 15.8368



7.9467, 8.3735, 7.9867



16.9273, 15.7519, 2.1482



0.4543, 0.4682, 0.0664

Inverse Universe

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



18.1309, 17.9513, 40.5395



27.9384, 26.6704, 72.6773



17.2477, 13.8643, 39.7971



7.3154, 7.6678, 9.5128



6.3179, 4.0960, 28.4331



0.1989, 0.1900, 0.7068

Previews

White Background



This preview shows how the XYZ color 28.8322, 29.8941, 14.6064 looks on a white background.

Color Contrast Check

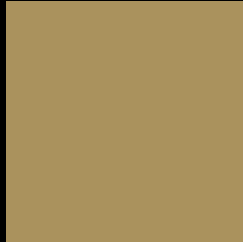
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8322, 29.8941, 14.6064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

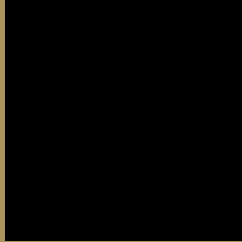
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8322, 29.8941, 14.6064

Background



This preview shows how black text looks on a background with the XYZ color 28.8322, 29.8941, 14.6064.



This preview shows how white text looks on a background with the XYZ color 28.8322, 29.8941,

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

28.8322, 29.8941, 14.6064

Protanopia

27.6681, 29.9844, 14.9190

Deuteranopia

30.5158, 29.8575, 14.7444



Tritanopia

32.6421, 29.8974, 32.9045

Trichromacy



Original Color

28.8322, 29.8941, 14.6064

Protanomaly

28.1273, 29.9873, 14.8953

Deuteranomaly

29.7473, 29.6832, 14.7512

Tritanomaly

31.0910, 29.9297, 24.9072

Monochromacy



Original Color

28.8322, 29.8941, 14.6064

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7821, 29.3683, 24.2831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8322, 29.8941, 14.6064 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(170, 146, 93)` looks like.

```
.text, #text, p{  
    color:rgb(170, 146, 93)  
}
```

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(170, 146, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 146, 93) }
```

Border

The CSS property to change the border of an element to XYZ 28.8322, 29.8941, 14.6064 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(170, 146, 93) }
```


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

```
.border{ border-color:rgb(170, 146, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 146, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 146, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 146, 93);  
box-shadow:4px 4px 4px 4px rgb(170, 146,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8322, 29.8941, 14.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 146, 93) }
```

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

```
.background{ background-color: rgb(170,  
146, 93) }
```

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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