

Converting Colors

XYZ(28.2426, 29.2480, 14.5475)

Have a look what the booklet for
XYZ(28.2426, 29.2480, 14.5475)
contains.

XYZ(28.2496, 29.3659, 14.5352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.2496, 29.3659,
14.5352)**

Conversions

Conversions Part 1

Format	Color
Hex	A8915D
RGB	168, 145, 93
RGB Percent	66%, 57%, 36%
CMY	0.3412, 0.4314, 0.6353
CMYK	0.00, 0.14, 0.45, 0.34
HSL	42°, 30%, 51%
HSV	42°, 45%, 66%
XYZ	28.2496, 29.3659, 14.5352
YIQ	145.9490, 30.4000, -11.2960

Conversions

Conversions Part 2

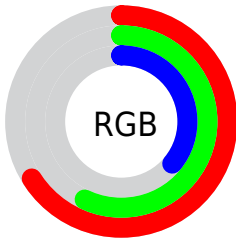
Format	Color
R_{YB}	126, 168, 93
Decimal	11047261
CIE Lab	61.10, 1.34, 30.72
CIE LCh	61, 30.750, 87.508
Yxy	29.3659, 0.3915, 0.4070
Android (android.graphics.Color)	4289237341 (0xFFA8915D)
YUV	145.9490, -26.1039, 19.3387
Hunter-Lab	54.1903, -1.7804, 22.0302

Details

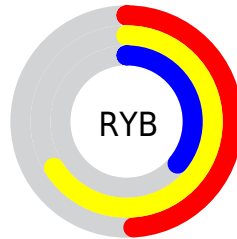
The XYZ color **28.2496, 29.3659, 14.5352** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8273, 17.6445, 39.5118**, and the grayscale version is **27.3962, 28.8229, 31.3881**.

A 20% lighter version of the original color is **56.1979, 58.7078, 34.7553**, and **11.5248, 11.9591, 4.2857** is the 20% darker color. If you saturate the color by 10%, you get **26.8166, 27.5627, 10.7810**, and if you desaturate by 10%, it is **29.8833, 31.3086, 19.1634**.

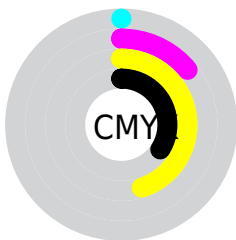
Distribution



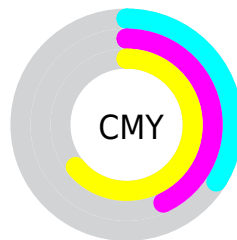
- Red (66%)
- Green (57%)
- Blue (36%)



- Red (49%)
- Yellow (66%)
- Blue (36%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (34%)



- Cyan (34%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2496, 29.3659, 14.5352 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 28.2496, 29.3659, 14.5352 by changing the saturation by 10% instead.


 28.2496, 29.3659,
14.5352


 28.2496, 29.3659,
14.5352


285.7162,
298.9375, 232.0784


 18.6553, 19.3578,
8.3509


 56.2886, 58.6579,
34.7664


 11.5240, 11.9291,
4.2293


 75.4639, 78.7106,
49.6503

 6.4903, 6.6954,
1.7520


 98.5637, 102.8803,
68.2712

 3.1889, 3.2724,
0.3960

 125.9533,
131.5514, 91.0475

 1.2544, 1.2755,
0.0000

157.9979,
165.1083, 118.3979

 0.1487, 0.1221,
0.0000

195.0631,

 0.0000, 0.0000,

203.9353, 150.7408

0.0000

237.5140,
248.4169, 188.4948

■ 28.2496, 29.3659,
14.5352

■ 28.2496, 29.3659,
14.5352

■ 26.8166, 27.5627,
10.7810

■ 29.8833, 31.3086,
19.1634

■ 25.5708, 25.8897,
7.8420

■ 31.7257, 33.3916,
24.7159

■ 24.5002, 24.3424,
5.6546

■ 33.7871, 35.6208,
31.2411

■ 23.5905, 22.9143,
4.1452

■ 36.0764, 38.0003,
38.7836

■ 22.8242, 21.5975,
3.2243

■ 38.6020, 40.5344,
47.3851

■ 22.4503, 20.9286,
2.8564

■ 41.3716, 43.2267,
57.0852

■ 44.3929, 46.0810,
67.9211

■ 47.6729, 49.1007,
79.9286

■ 51.2185, 52.2894,
93.1417

Harmonies

Analogous

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



32.2835, 29.3659, 16.6732



28.2496, 29.3659, 14.5352



24.4837, 29.3659, 16.0560

Triad

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



28.2496, 29.3659, 14.5352



21.5882, 29.3659, 43.3567



34.9695, 29.3659, 45.4360

Complementary

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



28.2496, 29.3659, 14.5352



17.8273, 17.6445, 39.5118

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.



31.6449, 29.3659, 55.9681



28.2496, 29.3659, 14.5352



23.9530, 29.3659, 54.5786

Square

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



28.2496, 29.3659, 14.5352



20.8646, 29.3659, 31.0195



27.5759, 29.3659, 59.6593



36.3892, 29.3659, 32.9489

Rectangle

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



28.2496, 29.3659, 14.5352



22.5795, 29.3659, 19.2064



27.5759, 29.3659, 59.6593



34.0229, 29.3659, 49.4262

Sweetspot

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



28.2503, 29.3673, 14.5358



61.8695, 65.2286, 58.4992



23.2592, 17.4323, 18.8919



13.3010, 14.0224, 12.1551



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.2503, 29.3673, 14.5358



48.5782, 49.9068, 19.3532



29.3525, 35.6901, 15.6981



7.9499, 8.3798, 7.9877



17.0005, 15.8982, 2.1726



0.4557, 0.4709, 0.0669

Inverse Universe

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



17.8273, 17.6445, 39.5118



27.1513, 25.8347, 70.7807



17.0159, 13.7665, 38.8061



7.3124, 7.6618, 9.5118



6.2891, 4.0384, 28.4235



0.1978, 0.1877, 0.7065

Previews

White Background



This preview shows how the XYZ color 28.2496, 29.3659, 14.5352 looks on a white background.

Color Contrast Check

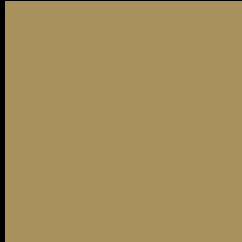
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2496, 29.3659, 14.5352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

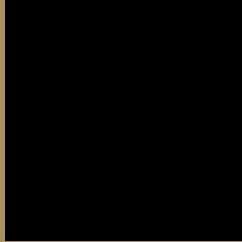
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2496, 29.3659, 14.5352

Background



This preview shows how black text looks on a background with the XYZ color 28.2496, 29.3659, 14.5352.

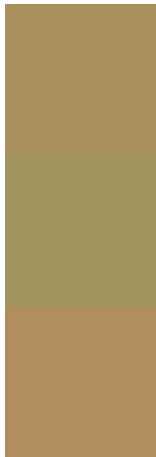


This preview shows how white text looks on a background with the XYZ color 28.2496, 29.3659,

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

28.2496, 29.3659, 14.5352

Protanopia

27.3082, 29.5650, 14.8570

Deuteranopia

29.9054, 29.3229, 14.6734



Tritanopia

31.9689, 29.3456, 32.4131

Trichromacy



Original Color

28.2496, 29.3659, 14.5352

Protanomaly

27.7639, 29.5681, 14.8336

Deuteranomaly

29.1489, 29.1528, 14.6804

Tritanomaly

30.5006, 29.4054, 24.8371

Monochromacy



Original Color

28.2496, 29.3659, 14.5352

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4361, 28.9601, 24.2225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2496, 29.3659, 14.5352 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(168, 145, 93)` looks like.

```
.text, #text, p{  
    color:rgb(168, 145, 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(168, 145, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 145, 93) }
```

Border

The CSS property to change the border of an element to XYZ 28.2496, 29.3659, 14.5352 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(168, 145, 93) }
```


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

```
.border{ border-color:rgb(168, 145, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 145, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 145, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 145, 93);  
box-shadow:4px 4px 4px 4px rgb(168, 145,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2496, 29.3659, 14.5352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 145, 93) }
```

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

```
.background{ background-color: rgb(168,  
145, 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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