

Converting Colors

XYZ(28.2177, 29.8499, 28.0092)

Have a look what the booklet for
XYZ(28.2177, 29.8499, 28.0092)
contains.

XYZ(28.0542, 29.6614, 27.9135)	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(28.0542, 29.6614,
27.9135)**

Conversions

Conversions Part 1

Format	Color
Hex	989489
RGB	152, 148, 137
RGB Percent	60%, 58%, 54%
CMY	0.4039, 0.4196, 0.4627
CMYK	0.00, 0.03, 0.10, 0.40
HSL	44°, 7%, 57%
HSV	44°, 10%, 60%
XYZ	28.0542, 29.6614, 27.9135
YIQ	147.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

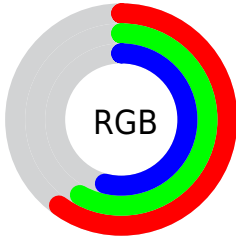
Format	Color
R_{YB}	142, 152, 137
Decimal	9999497
CIE Lab	61.36, -0.55, 6.33
CIE LCh	61, 6.352, 94.924
Yxy	29.6614, 0.3276, 0.3464
Android (android.graphics.Color)	4288189577 (0xFF989489)
YUV	147.9420, -5.3944, 3.5589
Hunter-Lab	54.4623, -3.3614, 7.7357

Details

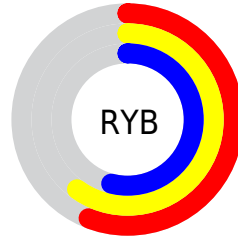
The XYZ color **28.0542, 29.6614, 27.9135** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5089, 26.6347, 33.5027**, and the grayscale version is **28.1449, 29.6106, 32.2460**.

A 20% lighter version of the original color is **55.8684, 59.0806, 57.1743**, and **11.3618, 12.0042, 10.7350** is the 20% darker color. If you saturate the color by 10%, you get **26.4158, 28.0082, 22.3616**, and if you desaturate by 10%, it is **29.8701, 31.4232, 34.2832**.

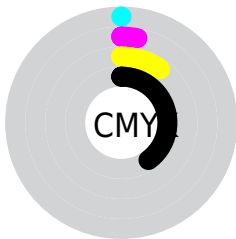
Distribution



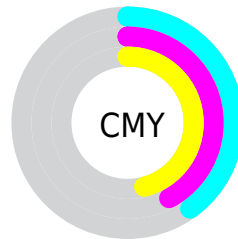
- Red (60%)
- Green (58%)
- Blue (54%)



- Red (56%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0542, 29.6614, 27.9135 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 28.0542, 29.6614, 27.9135 by changing the saturation by 10% instead.

■ 28.0542, 29.6614,
27.9135

■ 28.0542, 29.6614,
27.9135

284.8012,
300.3230, 305.9523

■ 18.5072, 19.5817,
18.0220

■ 55.9790, 59.1263,
57.3677

■ 11.4166, 12.0914,
10.7962

■ 75.0875, 79.2803,
77.7676

■ 6.4171, 6.8059,
5.8175

■ 98.1139, 103.5612,
102.5072

■ 3.1434, 3.3410,
2.6674

125.4235,
132.3534, 132.0053

■ 1.2300, 1.3123,
0.9270

157.3816,
166.0413, 166.6803

■ 0.1299, 0.1507,
0.0000

194.3537,

■ 0.0000, 0.0000,

205.0092, 206.9508

0.0000

236.7051,
249.6417, 253.2352

■ 28.0542, 29.6614,
27.9135

■ 28.0542, 29.6614,
27.9135

■ 26.4158, 28.0082,
22.3616

■ 29.8701, 31.4232,
34.2832

■ 24.9459, 26.4566,
17.5919

■ 31.8673, 33.2924,
41.5005

■ 23.6382, 25.0047,
13.5690

■ 34.0525, 35.2731,
49.5961

■ 22.4851, 23.6491,
10.2538

■ 36.4314, 37.3680,
58.5987

■ 21.4783, 22.3862,
7.6039

■ 39.0093, 39.5794,
68.5354

■ 20.6086, 21.2119,
5.5723

■ 41.7915, 41.9097,
79.4324

■ 19.8658, 20.1216,
4.1057

■ 44.7827, 44.3614,
91.3147

■ 19.2377, 19.1102,
3.1417

■ 47.4025, 46.7024,
101.1238

■ 18.6949, 18.1654,
2.5267

■ 48.2346, 48.3665,
101.4012

Harmonies

Analogous

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



28.8807, 29.6614, 28.2944



28.0542, 29.6614, 27.9135



27.2799, 29.6614, 28.6586

Triad

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



28.0542, 29.6614, 27.9135



26.8917, 29.6614, 35.0106



29.6770, 29.6614, 34.2917

Complementary

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



28.0542, 29.6614, 27.9135



25.5089, 26.6347, 33.5027

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.



29.1248, 29.6614, 36.2293



28.0542, 29.6614, 27.9135



27.5149, 29.6614, 36.6586

Square

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



28.0542, 29.6614, 27.9135



26.6173, 29.6614, 32.6939



28.3308, 29.6614, 37.1152



29.8282, 29.6614, 31.9018

Rectangle

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



28.0542, 29.6614, 27.9135



26.8941, 29.6614, 29.7164



28.3308, 29.6614, 37.1152



29.5316, 29.6614, 35.0212

Sweetspot

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



28.0550, 29.6627, 27.9141



51.6666, 54.4525, 56.7662



26.7027, 26.4902, 28.9054



11.6862, 12.3214, 12.7016



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.



28.0550, 29.6627, 27.9141



48.8074, 51.6496, 46.8246



28.0474, 30.6056, 28.0965



6.5696, 6.9443, 6.6000



15.6955, 15.2734, 2.1208



0.2638, 0.2867, 0.0414

Inverse Universe

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



25.5089, 26.6347, 33.5027



43.3239, 45.1284, 58.8609



25.5132, 25.7777, 33.3370



6.0117, 6.2808, 7.8244



5.4253, 3.2472, 25.2485



0.1079, 0.1022, 0.3864

Previews

White Background



This preview shows how the XYZ color 28.0542, 29.6614, 27.9135 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 28.0542, 29.6614, 27.9135 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

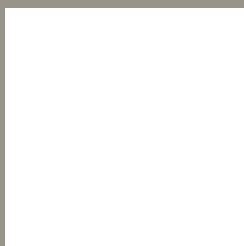
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0542, 29.6614, 27.9135

Background



This preview shows how black text looks on a background with the XYZ color 28.0542, 29.6614, 27.9135.



This preview shows how white text looks on a background with the XYZ color 28.0542, 29.6614,

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

28.0542, 29.6614, 27.9135

Protanopia

28.2421, 29.7583, 27.9223

Deuteranopia

30.1358, 29.5869, 28.1673



Tritanopia

29.7288, 29.6537, 36.0551

Trichromacy



Original Color

28.0542, 29.6614, 27.9135

Protanomaly

28.2421, 29.7583, 27.9223

Deuteranomaly

29.4108, 29.6628, 28.2201

Tritanomaly

29.1103, 29.6298, 33.0390

Monochromacy



Original Color

28.0542, 29.6614, 27.9135

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0184, 29.5830, 30.6189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0542, 29.6614, 27.9135 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, 148, 137)` looks like.

```
.text, #text, p{  
    color:rgb(152, 148, 137)  
}
```

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, 148, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 148, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.0542, 29.6614, 27.9135 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, 148, 137) }
```


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

```
.border{ border-color:rgb(152, 148, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 148, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 148, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 148, 137);  
box-shadow:4px 4px 4px 4px rgb(152, 148,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0542, 29.6614, 27.9135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 148, 137) }
```

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

```
.background{ background-color: rgb(152,  
148, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor