

Converting Colors

XYZ(28.3150, 29.2481, 30.6215)

Have a look what the booklet for
XYZ(28.3150, 29.2481, 30.6215)
contains.

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Color

**XYZ(28.2618, 29.2468,
30.5412)**

Conversions

Conversions Part 1

Format	Color
Hex	989290
RGB	152, 146, 144
RGB Percent	60%, 57%, 56%
CMY	0.4039, 0.4274, 0.4353
CMYK	0.00, 0.04, 0.05, 0.40
HSL	15°, 4%, 58%
HSV	15°, 5%, 60%
XYZ	28.2618, 29.2468, 30.5412
YIQ	147.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

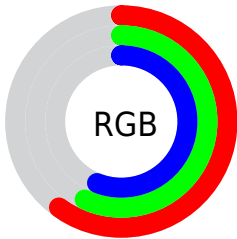
Format	Color
R _Y B	152, 147, 144
Decimal	9998992
CIE Lab	61.00, 1.83, 1.84
CIE LCh	61, 2.596, 45.031
Yxy	29.2468, 0.3210, 0.3322
Android (android.graphics.Color)	4288189072 (0xFF989290)
YUV	147.5660, -1.7580, 3.8886
Hunter-Lab	54.0803, -1.3583, 4.3729

Details

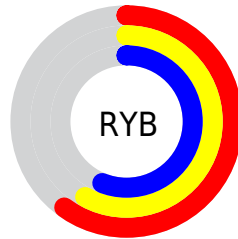
The XYZ color **28.2618, 29.2468, 30.5412** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0753, 30.0084, 34.0185**, and the grayscale version is **27.9742, 29.4311, 32.0504**.

A 20% lighter version of the original color is **56.3009, 58.5076, 61.7518**, and **11.5701, 11.9406, 12.2846** is the 20% darker color. If you saturate the color by 10%, you get **25.5078, 25.4743, 24.2722**, and if you desaturate by 10%, it is **31.3490, 33.4346, 37.6937**.

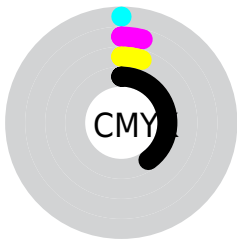
Distribution



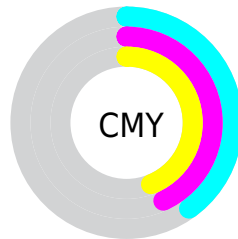
- Red (60%)
- Green (57%)
- Blue (56%)



- Red (60%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2618, 29.2468, 30.5412 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 28.2618, 29.2468, 30.5412 by changing the saturation by 10% instead.

■ 28.2618, 29.2468,
30.5412

■ 28.2618, 29.2468,
30.5412

285.7732,
298.3777, 318.7045

■ 18.6646, 19.2676,
19.9942

■ 56.3079, 58.4690,
61.5881

■ 11.5307, 11.8638,
12.2068

■ 75.4874, 78.4807,
82.9251

■ 6.4949, 6.6510,
6.7604

98.5918, 102.6055,
108.6958

■ 3.1918, 3.2448,
3.2366

125.9863,
131.2276, 139.3188

■ 1.2560, 1.2608,
1.2167

158.0364,
164.7315, 175.2127

■ 0.1499, 0.1106,
0.0000

195.1073,

■ 0.0000, 0.0000,

203.5015, 216.7959

0.0000

237.5645,
247.9221, 264.4870

■ 28.2618, 29.2468,
30.5412

■ 28.2618, 29.2468,
30.5412

■ 25.5078, 25.4743,
24.2722

■ 31.3490, 33.4346,
37.6937

■ 23.0732, 22.1006,
18.8505

■ 34.7777, 38.0461,
45.7604

■ 20.9470, 19.1136,
14.2400

■ 38.5589, 43.0940,
54.7727

■ 19.1162, 16.4993,
10.4015

■ 42.7025, 48.5897,
64.7600

■ 17.5674, 14.2428,
7.2922

■ 47.2179, 54.5437,
75.7505

■ 16.2857, 12.3279,
4.8654

■ 52.1142, 60.9665,
87.7710

■ 15.2548, 10.7376,
3.0687

■ 57.4001, 67.8682,
100.8475

■ 14.4567, 9.4529,
1.8421

■ 61.3296, 74.5567,
105.7662

■ 13.8689, 8.4521,
1.1072

■ 64.7373, 81.3720,
106.9021

Harmonies

Analogous

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



28.4330, 29.2468, 31.3627



28.2618, 29.2468, 30.5412



27.9671, 29.2468, 30.0738

Triad

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



28.2618, 29.2468, 30.5412



27.1727, 29.2468, 31.3646



27.9677, 29.2468, 33.6835

Complementary

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



28.2618, 29.2468, 30.5412



28.0753, 30.0084, 34.0185

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.



27.6300, 29.2468, 33.6840



28.2618, 29.2468, 30.5412



27.1729, 29.2468, 32.3318

Square

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



28.2618, 29.2468, 30.5412



27.3392, 29.2468, 30.5426



27.3397, 29.2468, 33.1850



28.2623, 29.2468, 33.1835

Rectangle

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



28.2618, 29.2468, 30.5412



27.7410, 29.2468, 30.0197



27.3397, 29.2468, 33.1850



27.8554, 29.2468, 33.7424

Sweetspot

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



28.2626, 29.2481, 30.5418



51.5774, 53.9271, 57.8058



28.4275, 28.8243, 32.9198



11.7380, 12.2774, 13.1734



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.



28.2626, 29.2481, 30.5418



49.4481, 51.0284, 52.9040



28.8896, 30.5020, 30.7508



6.5113, 6.7116, 6.9380



11.4618, 6.8059, 0.7096



0.1970, 0.1530, 0.0191

Inverse Universe

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



28.0753, 30.0084, 34.0185



49.0661, 52.5795, 59.9965



27.4484, 28.7545, 33.8095



6.4580, 6.9277, 7.9258



9.8176, 12.0319, 26.7126



0.1748, 0.2359, 0.4087

Previews

White Background



This preview shows how the XYZ color 28.2618, 29.2468, 30.5412 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 28.2618, 29.2468, 30.5412 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 28.2618, 29.2468, 30.5412

Background



This preview shows how black text looks on a background with the XYZ color 28.2618, 29.2468, 30.5412.



This preview shows how white text looks on a background with the XYZ color 28.2618, 29.2468,

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

28.2618, 29.2468, 30.5412

Protanopia

27.8906, 29.0554, 30.5238

Deuteranopia

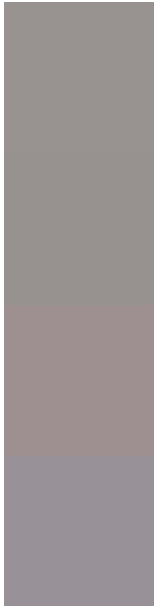
29.6841, 29.0717, 30.8349



Tritanopia

29.3004, 29.2168, 35.5476

Trichromacy



Original Color

28.2618, 29.2468, 30.5412

Protanomaly

28.0754, 29.1507, 30.5325

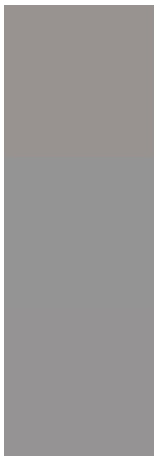
Deuteranomaly

29.0338, 28.9584, 30.8473

Tritanomaly

28.9298, 29.2901, 33.8346

Monochromacy



Original Color

28.2618, 29.2468, 30.5412

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0946, 29.3636, 31.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2618, 29.2468, 30.5412 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, 146, 144)` looks like.

```
.text, #text, p{  
    color:rgb(152, 146, 144)  
}
```

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, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 146, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.2618, 29.2468, 30.5412 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, 146, 144) }
```


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

```
.border{ border-color:rgb(152, 146, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 146, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(152, 146,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2618, 29.2468, 30.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 146, 144) }
```

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

```
.background{ background-color: rgb(152,  
146, 144) }
```

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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