

Converting Colors

XYZ(29.6539, 30.9300, 30.9572)

Have a look what the booklet for
XYZ(29.6539, 30.9300, 30.9572)
contains.

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Color

**XYZ(29.6507, 30.8942,
30.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9690
RGB	156, 150, 144
RGB Percent	61%, 59%, 56%
CMY	0.3882, 0.4118, 0.4353
CMYK	0.00, 0.04, 0.08, 0.39
HSL	30°, 6%, 59%
HSV	30°, 8%, 61%
XYZ	29.6507, 30.8942, 30.7860
YIQ	151.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

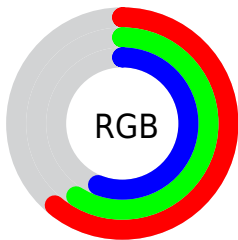
Format	Color
RYB	156, 156, 144
Decimal	10262160
CIELab	62.42, 1.10, 3.94
CIELCh	62, 4.085, 74.430
Yxy	30.8942, 0.3247, 0.3383
Android (android.graphics.Color)	4288452240 (0xFF9C9690)
YUV	151.1100, -3.5052, 4.2885
Hunter-Lab	55.5826, -2.0480, 6.0683

Details

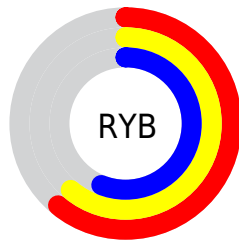
The XYZ color **29.6507, 30.8942, 30.7860** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.4087, 30.1419, 35.7736**, and the grayscale version is **29.4761, 31.0111, 33.7711**.

A 20% lighter version of the original color is **58.3643, 60.9646, 62.1173**, and **12.3079, 12.7351, 12.3991** is the 20% darker color. If you saturate the color by 10%, you get **27.3371, 28.0448, 24.5331**, and if you desaturate by 10%, it is **32.2136, 33.9778, 37.9357**.

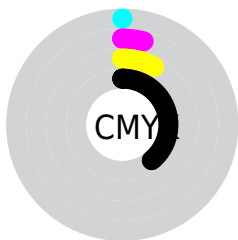
Distribution



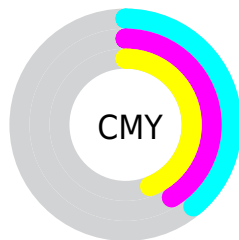
- Red (61%)
- Green (59%)
- Blue (56%)



- Red (61%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6507, 30.8942, 30.7860 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 29.6507, 30.8942, 30.7860 by changing the saturation by 10% instead.

■ 29.6507, 30.8942,
30.7860

■ 29.6507, 30.8942,
30.7860

292.2120,
306.0506, 319.8718

■ 19.7204, 20.5183,
20.1789

■ 58.4998, 61.0735,
61.9786

■ 12.2990, 12.7724,
12.3398

■ 78.1492, 81.6456,
83.4012

■ 7.0213, 7.2720,
6.8502

101.7691,
106.3853, 109.2659

■ 3.5219, 3.6328,
3.2915

129.7247,
135.6769, 139.9914

■ 1.4354, 1.4703,
1.2454

162.3815,
169.9049, 175.9962

■ 0.2812, 0.2677,
0.0164

200.1047,

■ 0.0000, 0.0000,

209.4535, 217.6989

0.0000

243.2598,
254.7073, 265.5179

■ 29.6507, 30.8942,
30.7860

■ 29.6507, 30.8942,
30.7860

■ 27.3371, 28.0448,
24.5331

■ 32.2136, 33.9778,
37.9357

■ 25.2619, 25.4197,
19.1392

■ 35.0312, 37.2972,
46.0139

■ 23.4171, 23.0141,
14.5664

■ 38.1117, 40.8591,
55.0536

■ 21.7934, 20.8214,
10.7735

■ 41.4625, 44.6689,
65.0853

■ 20.3806, 18.8348,
7.7157

■ 45.0902, 48.7315,
76.1380

■ 19.1675, 17.0469,
5.3433

■ 49.0017, 53.0518,
88.2398

■ 18.1417, 15.4499,
3.6006

■ 53.2032, 57.6346,
101.4177

■ 17.2893, 14.0348,
2.4228

■ 55.3982, 61.5634,
103.5709

■ 16.5868, 12.7890,
1.6977

■ 57.3991, 65.5652,
104.2378

Harmonies

Analogous

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



30.1309, 30.8942, 31.5489



29.6507, 30.8942, 30.7860



29.0995, 30.8942, 30.7712

Triad

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



29.6507, 30.8942, 30.7860



28.3450, 30.8942, 34.4041



30.1156, 30.8942, 35.8632

Complementary

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



29.6507, 30.8942, 30.7860



28.4087, 30.1419, 35.7736

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.



29.6301, 30.8942, 36.6787



29.6507, 30.8942, 30.7860



28.6103, 30.8942, 35.8185

Square

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



29.6507, 30.8942, 30.7860



28.3503, 30.8942, 32.8268



29.0792, 30.8942, 36.6620



30.4016, 30.8942, 34.4636

Rectangle

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



29.6507, 30.8942, 30.7860



28.7662, 30.8942, 31.1858



29.0792, 30.8942, 36.6620



29.9701, 30.8942, 36.2166

Sweetspot

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



29.6516, 30.8955, 30.7867



56.4292, 59.2265, 63.0523



29.1890, 29.2169, 32.9556



12.4296, 13.0477, 13.9098



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.6516, 30.8955, 30.7867



53.2022, 55.3187, 54.1275



30.6332, 32.8589, 31.1139



6.8934, 7.1668, 7.0057



13.5739, 10.3834, 1.2888



0.2850, 0.2702, 0.0371

Inverse Universe

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



28.4087, 30.1419, 35.7736



50.5353, 53.7015, 64.8287



27.4761, 28.2766, 35.4627



6.5449, 6.9555, 8.4043



7.2195, 6.5306, 26.7873



0.1714, 0.2013, 0.4931

Previews

White Background



This preview shows how the XYZ color 29.6507, 30.8942, 30.7860 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.6507, 30.8942, 30.7860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

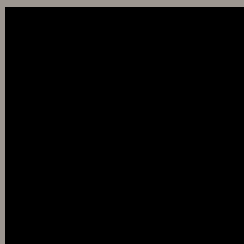
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

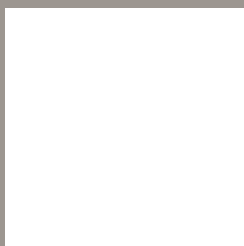
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6507, 30.8942, 30.7860

Background



This preview shows how black text looks on a background with the XYZ color 29.6507, 30.8942, 30.7860.



This preview shows how white text looks on a background with the XYZ color 29.6507, 30.8942,

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

29.6507, 30.8942, 30.7860

Protanopia

29.4580, 30.7949, 30.7770

Deuteranopia

31.5382, 30.9269, 31.0953



Tritanopia

30.9485, 30.9521, 37.1441

Trichromacy



Original Color

29.6507, 30.8942, 30.7860

Protanomaly

29.4580, 30.7949, 30.7770

Deuteranomaly

30.8544, 30.8043, 31.1077

Tritanomaly

30.4848, 30.9961, 34.9480

Monochromacy



Original Color

29.6507, 30.8942, 30.7860

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.5488, 31.0436, 32.4516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6507, 30.8942, 30.7860 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(156, 150, 144) looks like.

```
.text, #text, p{  
    color:rgb(156, 150, 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(156, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 150, 144) }
```

Border

The CSS property to change the border of an element to XYZ 29.6507, 30.8942, 30.7860 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(156, 150, 144) }
```


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

```
.border{ border-color:rgb(156, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(156, 150,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6507, 30.8942, 30.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 150, 144) }
```

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

```
.background{ background-color: rgb(156,  
150, 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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