

Converting Colors

XYZ(29.7196, 30.1787, 28.9791)

Have a look what the booklet for
XYZ(29.7196, 30.1787, 28.9791)
contains.

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Color

**XYZ(29.8653, 30.3380,
29.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	A1938C
RGB	161, 147, 140
RGB Percent	63%, 58%, 55%
CMY	0.3686, 0.4235, 0.4510
CMYK	0.00, 0.09, 0.13, 0.37
HSL	20°, 10%, 59%
HSV	20°, 13%, 63%
XYZ	29.8653, 30.3380, 29.0927
YIQ	150.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

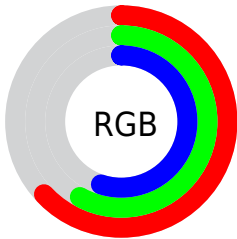
Format	Color
RYB	161, 151, 140
Decimal	10589068
CIELab	61.94, 3.95, 5.57
CIELCh	62, 6.831, 54.640
Yxy	30.3380, 0.3345, 0.3397
Android (android.graphics.Color)	4288779148 (0xFFA1938C)
YUV	150.3880, -5.1213, 9.3067
Hunter-Lab	55.0799, 0.3959, 7.2395

Details

The XYZ color **29.8653, 30.3380, 29.0927** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8037, 31.2592, 38.2340**, and the grayscale version is **29.1729, 30.6922, 33.4238**.

A 20% lighter version of the original color is **58.9432, 60.2673, 59.5650**, and **12.3350, 12.3551, 11.4075** is the 20% darker color. If you saturate the color by 10%, you get **27.1726, 26.7153, 22.7604**, and if you desaturate by 10%, it is **32.8891, 34.3443, 36.3931**.

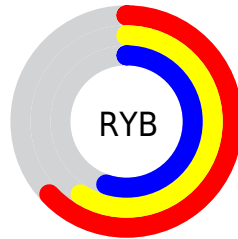
Distribution



Red (63%)

Green (58%)

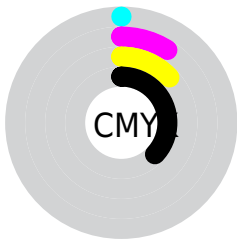
Blue (55%)



Red (63%)

Yellow (59%)

Blue (55%)

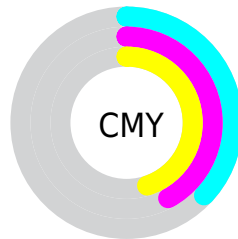


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8653, 30.3380, 29.0927 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 29.8653, 30.3380, 29.0927 by changing the saturation by 10% instead.

■ 29.8653, 30.3380,
29.0927

■ 29.8653, 30.3380,
29.0927

293.1972,
303.4768, 311.7267

■ 19.8839, 20.0953,
18.9048

■ 58.8372, 60.1963,
59.2683

■ 12.4185, 12.4643,
11.4254

■ 78.5584, 80.5807,
80.0930

■ 7.1036, 7.0607,
6.2360

■ 102.2570,
105.1144, 105.3004

■ 3.5739, 3.5001,
2.9180

130.2982,
134.1818, 135.3091

■ 1.4640, 1.3981,
1.0529

163.0475,
168.1674, 170.5375

■ 0.3011, 0.2153,
0.0000

200.8702,

■ 0.0000, 0.0000,

207.4555, 211.4042

0.0000

244.1316,
252.4305, 258.3278

■ 29.8653, 30.3380,
29.0927

■ 29.8653, 30.3380,
29.0927

■ 27.1726, 26.7153,
22.7604

■ 32.8891, 34.3443,
36.3931

■ 24.7967, 23.4605,
17.3533

■ 36.2526, 38.7411,
44.6982

■ 22.7260, 20.5631,
12.8281

■ 39.9673, 43.5402,
54.0450

■ 20.9472, 18.0103,
9.1372

■ 44.0432, 48.7517,
64.4682

■ 19.4456, 15.7883,
6.2287

■ 48.4900, 54.3854,
76.0006

■ 18.2057, 13.8828,
4.0444

■ 53.3171, 60.4506,
88.6739

■ 17.2095, 12.2779,
2.5181

■ 58.5334, 66.9565,
102.5183

■ 16.4368, 10.9560,
1.5711

■ 61.8449, 72.9908,
105.4368

■ 16.0029, 10.1868,
1.1228

■ 64.9732, 79.2474,
106.4796

Harmonies

Analogous

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



30.4639, 30.3380, 30.9770



29.8653, 30.3380, 29.0927



29.0000, 30.3380, 28.2671

Triad

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



29.8653, 30.3380, 29.0927



27.1193, 30.3380, 32.5646



29.5749, 30.3380, 37.8265

Complementary

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



29.8653, 30.3380, 29.0927



28.8037, 31.2592, 38.2340

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.



28.6714, 30.3380, 38.3064



29.8653, 30.3380, 29.0927



27.2660, 30.3380, 35.1779

Square

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



29.8653, 30.3380, 29.0927



27.4246, 30.3380, 30.2026



27.8294, 30.3380, 37.3138



30.2937, 30.3380, 36.0348

Rectangle

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



29.8653, 30.3380, 29.0927



28.3931, 30.3380, 28.3948



27.8294, 30.3380, 37.3138



29.2822, 30.3380, 38.1504

Sweetspot

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



29.8661, 30.3393, 29.0933



58.3146, 60.7349, 63.7452



29.9091, 28.6667, 34.5290



12.7006, 13.2033, 13.7645



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.8661, 30.3393, 29.0933



51.8522, 52.1467, 48.2223



31.5736, 33.7543, 29.6625



7.2578, 7.4540, 7.4363



12.8152, 8.2043, 0.9082



0.3113, 0.2564, 0.0331

Inverse Universe

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



28.8037, 31.2592, 38.2340



49.5261, 54.1591, 68.2300



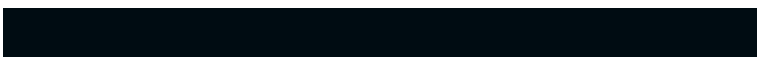
27.1463, 27.9445, 37.6815



7.0762, 7.6113, 8.9992



9.4013, 10.5820, 28.4768



0.2382, 0.3036, 0.6119

Previews

White Background



This preview shows how the XYZ color 29.8653, 30.3380, 29.0927 looks on a white background.

Color Contrast Check

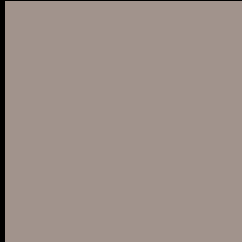
Large Text (above 18pt) WCAG AA × Fail

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 29.8653, 30.3380, 29.0927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

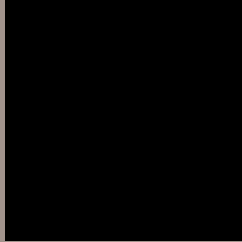
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.8653, 30.3380, 29.0927

Background



This preview shows how black text looks on a background with the XYZ color 29.8653, 30.3380, 29.0927.



This preview shows how white text looks on a background with the XYZ color 29.8653, 30.3380,

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

29.8653, 30.3380, 29.0927

Protanopia

28.8816, 30.2880, 29.5232

Deuteranopia

31.0075, 30.4691, 29.0578



Tritanopia

31.2304, 30.4376, 35.6815

Trichromacy



Original Color

29.8653, 30.3380, 29.0927

Protanomaly

29.3023, 30.2710, 29.4978

Deuteranomaly

30.5296, 30.4506, 29.0794

Tritanomaly

30.6842, 30.4412, 33.1127

Monochromacy



Original Color

29.8653, 30.3380, 29.0927

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.2622, 30.4402, 31.5274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8653, 30.3380, 29.0927 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(161, 147, 140)` looks like.

```
.text, #text, p{  
    color:rgb(161, 147, 140)  
}
```

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(161, 147, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 147, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.8653, 30.3380, 29.0927 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(161, 147, 140) }
```


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

```
.border{ border-color:rgb(161, 147, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 147, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 147, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 147, 140);  
box-shadow:4px 4px 4px 4px rgb(161, 147,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8653, 30.3380, 29.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 147, 140) }
```

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

```
.background{ background-color: rgb(161,  
147, 140) }
```

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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