

Converting Colors

XYZ(29.7203, 30.6032, 28.1952)

Have a look what the booklet for
XYZ(29.7203, 30.6032, 28.1952)
contains.

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Color

**XYZ(29.6025, 30.4595,
27.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	A09489
RGB	160, 148, 137
RGB Percent	63%, 58%, 54%
CMY	0.3725, 0.4196, 0.4627
CMYK	0.00, 0.07, 0.14, 0.37
HSL	29°, 11%, 58%
HSV	29°, 14%, 63%
XYZ	29.6025, 30.4595, 27.9860
YIQ	150.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

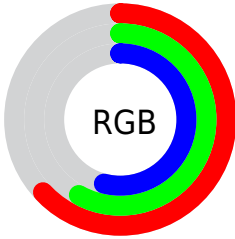
Format	Color
RYB	160, 158, 137
Decimal	10523785
CIELab	62.05, 2.51, 7.40
CIElCh	62, 7.817, 71.307
Yxy	30.4595, 0.3362, 0.3459
Android (android.graphics.Color)	4288713865 (0xFFA09489)
YUV	150.3340, -6.5737, 8.4771
Hunter-Lab	55.1901, -0.8401, 8.5681

Details

The XYZ color **29.6025, 30.4595, 27.9860** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.4092, 29.3509, 37.4788**, and the grayscale version is **29.1559, 30.6742, 33.4043**.

A 20% lighter version of the original color is **58.4391, 60.4058, 57.2946**, and **12.1793, 12.4257, 10.7733** is the 20% darker color. If you saturate the color by 10%, you get **27.2768, 27.5105, 21.9619**, and if you desaturate by 10%, it is **32.1945, 33.6681, 34.9393**.

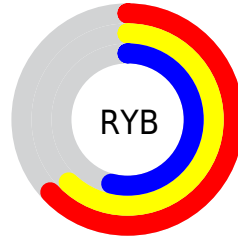
Distribution



Red (63%)

Green (58%)

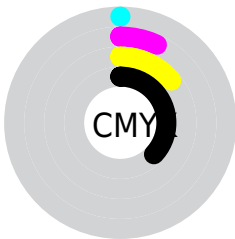
Blue (54%)



Red (63%)

Yellow (62%)

Blue (54%)

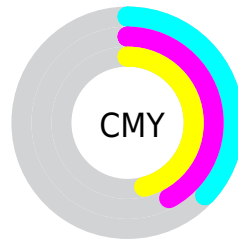


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6025, 30.4595, 27.9860 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 29.6025, 30.4595, 27.9860 by changing the saturation by 10% instead.

■ 29.6025, 30.4595,
27.9860

■ 29.6025, 30.4595,
27.9860

291.9904,
304.0405, 306.3098

■ 19.6836, 20.1876,
18.0762

■ 58.4239, 60.3881,
57.4849

■ 12.2722, 12.5315,
10.8347

■ 78.0572, 80.8136,
77.9111

■ 7.0029, 7.1067,
5.8430

■ 101.6594,
105.3924, 102.6798

■ 3.5102, 3.5289,
2.6826

129.5957,
134.5090, 132.2095

■ 1.4290, 1.4137,
0.9347

162.2317,
168.5477, 166.9188

■ 0.2767, 0.2268,
0.0000

199.9325,

■ 0.0000, 0.0000,

207.8929, 207.2263

0.0000

243.0636,
252.9290, 253.5505

■ 29.6025, 30.4595,
27.9860

■ 29.6025, 30.4595,
27.9860

■ 27.2768, 27.5105,
21.9619

■ 32.1945, 33.6681,
34.9393

■ 25.2055, 24.8101,
16.8252

■ 35.0593, 37.1389,
42.8575

■ 23.3793, 22.3524,
12.5336

■ 38.2061, 40.8797,
51.7767

■ 21.7875, 20.1297,
9.0406

■ 41.6430, 44.8965,
61.7304

■ 20.4182, 18.1337,
6.2950

■ 45.3778, 49.1952,
72.7508

■ 19.2586, 16.3556,
4.2398

■ 49.4179, 53.7816,
84.8684

■ 18.2938, 14.7858,
2.8095

■ 53.7705, 58.6612,
98.1128

■ 17.5067, 13.4134,
1.9248

■ 56.7897, 63.1784,
103.8093

■ 17.1193, 12.7174,
1.5524

■ 58.9665, 67.5320,
104.5348

Harmonies

Analogous

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



30.4935, 30.4595, 29.4944



29.6025, 30.4595, 27.9860



28.5570, 30.4595, 27.8142

Triad

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



29.6025, 30.4595, 27.9860



27.0166, 30.4595, 34.3114



30.3035, 30.4595, 37.6992

Complementary

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



29.6025, 30.4595, 27.9860



27.4092, 29.3509, 37.4788

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.



29.3483, 30.4595, 39.1619



29.6025, 30.4595, 27.9860



27.4611, 30.4595, 37.1286

Square

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



29.6025, 30.4595, 27.9860



27.0809, 30.4595, 31.3470



28.3088, 30.4595, 38.9470



30.9049, 30.4595, 35.0524

Rectangle

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



29.6025, 30.4595, 27.9860



27.9148, 30.4595, 28.4680



28.3088, 30.4595, 38.9470



30.0122, 30.4595, 38.3527

Sweetspot

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



29.6033, 30.4609, 27.9866



58.6029, 61.3115, 63.8413



28.8894, 27.5438, 32.3398



12.7746, 13.3511, 13.7891



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.



29.6033, 30.4609, 27.9866



52.4538, 53.6776, 47.4125



31.4513, 34.1568, 28.6026



6.8817, 7.1434, 7.0018



13.3792, 9.9939, 1.2239



0.2814, 0.2630, 0.0359

Inverse Universe

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



27.4092, 29.3509, 37.4788



47.7477, 51.2969, 67.7712



25.7172, 25.9670, 36.9148



6.5566, 6.9790, 8.4082



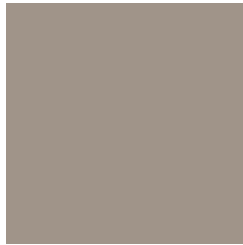
7.4242, 6.9400, 26.8555



0.1750, 0.2086, 0.4943

Previews

White Background



This preview shows how the XYZ color 29.6025, 30.4595, 27.9860 looks on a white background.

Color Contrast Check

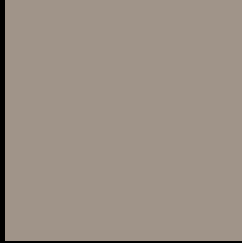
Large Text (above 18pt) WCAG AA × Fail

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 29.6025, 30.4595, 27.9860 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

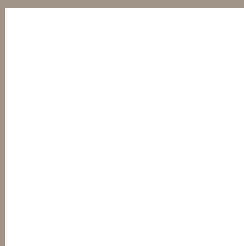
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6025, 30.4595, 27.9860

Background



This preview shows how black text looks on a background with the XYZ color 29.6025, 30.4595, 27.9860.



This preview shows how white text looks on a background with the XYZ color 29.6025, 30.4595,

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

29.6025, 30.4595, 27.9860

Protanopia

29.0452, 30.3978, 28.3813

Deuteranopia

31.0750, 30.5208, 28.2980



Tritanopia

31.2304, 30.4376, 35.6815

Trichromacy



Original Color

29.6025, 30.4595, 27.9860

Protanomaly

29.2395, 30.4980, 28.3904

Deuteranomaly

30.5922, 30.4997, 28.3194

Tritanomaly

30.6040, 30.4091, 32.6903

Monochromacy



Original Color

29.6025, 30.4595, 27.9860

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1847, 30.4093, 31.1194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6025, 30.4595, 27.9860 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(160, 148, 137)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 148, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 148, 137) }
```

Border

The CSS property to change the border of an element to XYZ 29.6025, 30.4595, 27.9860 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(160, 148, 137) }
```


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

```
.border{ border-color:rgb(160, 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(160, 148, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 148, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 148, 137);  
box-shadow:4px 4px 4px 4px rgb(160, 148,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6025, 30.4595, 27.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 148, 137) }
```

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

```
.background{ background-color: rgb(160,  
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](#).

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