

Converting Colors

XYZ(28.1650, 29.9595, 32.9365)

Have a look what the booklet for
XYZ(28.1650, 29.9595, 32.9365)
contains.

XYZ(28.0263, 29.7758, 32.7039)	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(28.0263, 29.7758,
32.7039)**

Conversions

Conversions Part 1

Format	Color
Hex	929595
RGB	146, 149, 149
RGB Percent	57%, 58%, 58%
CMY	0.4274, 0.4157, 0.4157
CMYK	0.02, 0.00, 0.00, 0.42
HSL	180°, 1%, 58%
HSV	180°, 2%, 58%
XYZ	28.0263, 29.7758, 32.7039
YIQ	148.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

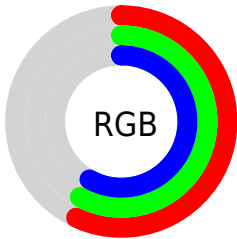
Format	Color
R_{YB}	146, 148, 149
Decimal	9606549
CIE Lab	61.46, -1.08, -0.39
CIE LCh	61, 1.151, 199.680
Yxy	29.7758, 0.3097, 0.3290
Android (android.graphics.Color)	4287796629 (0xFF929595)
YUV	148.1030, 0.4422, -1.8443
Hunter-Lab	54.5672, -3.8131, 2.6626

Details

The XYZ color **28.0263, 29.7758, 32.7039** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.8627, 29.0234, 31.3291**, and the grayscale version is **28.1907, 29.6588, 32.2985**.

A 20% lighter version of the original color is **55.9548, 59.3030, 64.9974**, and **11.3962, 12.1040, 13.2909** is the 20% darker color. If you saturate the color by 10%, you get **25.5475, 28.4989, 32.5831**, and if you desaturate by 10%, it is **30.8520, 31.2332, 32.8421**.

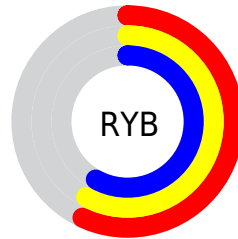
Distribution



Red (57%)

Green (58%)

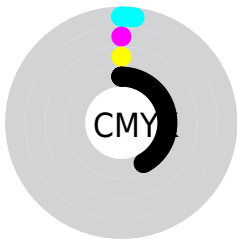
Blue (58%)



Red (57%)

Yellow (58%)

Blue (58%)

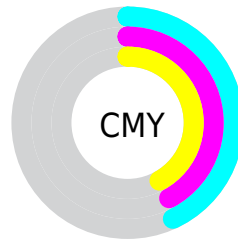


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0263, 29.7758, 32.7039 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 28.0263, 29.7758, 32.7039 by changing the saturation by 10% instead.

■ 28.0263, 29.7758,
32.7039

■ 28.0263, 29.7758,
32.7039

284.6704,
300.8580, 328.9044

■ 18.4860, 19.6685,
21.6305

■ 55.9348, 59.3074,
65.0236

■ 11.4013, 12.1543,
13.3899

■ 75.0337, 79.5005,
87.1070

■ 6.4067, 6.8488,
7.5637

98.0496, 103.8244,
113.6974

■ 3.1369, 3.3677,
3.7333

125.3477,
132.6633, 145.2135

■ 1.2266, 1.3266,
1.4802

157.2935,
166.4017, 182.0736

■ 0.1272, 0.1617,
0.2031

194.2523,

■ 0.0000, 0.0000,

205.4241, 224.6965

0.0000

236.5895,
250.1147, 273.5006

■ 28.0263, 29.7758,
32.7039

■ 28.0263, 29.7758,
32.7039

■ 25.5475, 28.4989,
32.5831

■ 30.8520, 31.2332,
32.8421

■ 23.4000, 27.3919,
32.4772

■ 34.0347, 32.8738,
32.9965

■ 21.5703, 26.4488,
32.3862

■ 37.5870, 34.7050,
33.1681

■ 20.0434, 25.6618,
32.3094

■ 41.5204, 36.7326,
33.3576

■ 18.8031, 25.0225,
32.2460

■ 45.8457, 38.9623,
33.5654

■ 17.8313, 24.5216,
32.1951

■ 50.5733, 41.3993,
33.7920

■ 17.1083, 24.1490,
32.1559

■ 55.7133, 44.0490,
34.0379

■ 16.6113, 23.8930,
32.1273

■ 57.4212, 44.9293,
34.1232

■ 16.3138, 23.7397,
32.1080

■ 57.4222, 44.9297,
34.1287

Harmonies

Analogous

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



28.0140, 29.7758, 32.2708



28.0263, 29.7758, 32.7039



28.1120, 29.7758, 33.0641

Triad

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



28.0263, 29.7758, 32.7039



28.5248, 29.7758, 32.9662



28.3535, 29.7758, 31.6031

Complementary

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



28.0263, 29.7758, 32.7039



27.8627, 29.0234, 31.3291

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.



28.4908, 29.7758, 31.7859



28.0263, 29.7758, 32.7039



28.5899, 29.7758, 32.5712

Square

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



28.0263, 29.7758, 32.7039



28.3997, 29.7758, 33.2165



28.5775, 29.7758, 32.1393



28.2025, 29.7758, 31.6379

Rectangle

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



28.0263, 29.7758, 32.7039



28.1995, 29.7758, 33.2132



28.5775, 29.7758, 32.1393



28.4028, 29.7758, 31.6410

Sweetspot

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



28.0271, 29.7771, 32.7046



50.6656, 53.5691, 58.5898



27.7995, 29.6871, 31.4595



11.2350, 11.8752, 12.9846



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



28.0271, 29.7771, 32.7046



50.1783, 53.3179, 58.5660



27.7992, 29.3208, 32.6296



6.3875, 6.7805, 7.4416



13.6026, 19.9138, 27.0127



0.1665, 0.2438, 0.3309

Inverse Universe

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



27.8627, 29.0234, 31.3291



49.8802, 51.9514, 56.0722



28.0877, 29.4736, 31.4031



6.3533, 6.6238, 7.1556



10.4323, 5.3780, 0.4916



0.1277, 0.0658, 0.0062

Previews

White Background



This preview shows how the XYZ color 28.0263, 29.7758, 32.7039 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 28.0263, 29.7758, 32.7039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

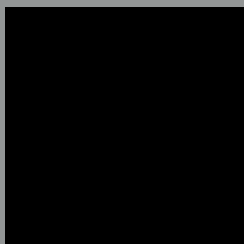
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

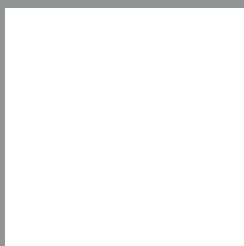
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0263, 29.7758, 32.7039

Background



This preview shows how black text looks on a background with the XYZ color 28.0263, 29.7758, 32.7039.



This preview shows how white text looks on a background with the XYZ color 28.0263, 29.7758,

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

28.0263, 29.7758, 32.7039

Protanopia

28.6977, 29.8972, 32.2752

Deuteranopia

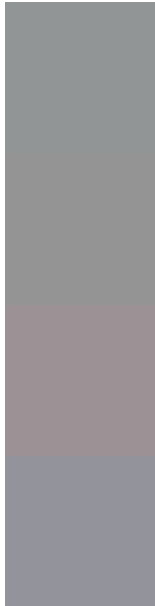
30.3786, 29.8299, 33.0108



Tritanopia

28.9045, 29.6665, 37.0037

Trichromacy



Original Color

28.0263, 29.7758, 32.7039

Protanomaly

28.3296, 29.7075, 32.2580

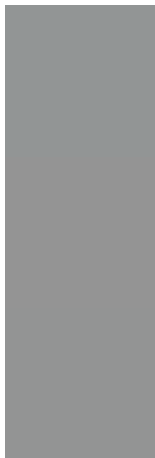
Deuteranomaly

29.4942, 29.8277, 33.0570

Tritanomaly

28.5389, 29.7494, 35.2484

Monochromacy



Original Color

28.0263, 29.7758, 32.7039

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9678, 29.5210, 32.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0263, 29.7758, 32.7039 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(146, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(146, 149, 149)  
}
```

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(146, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.0263, 29.7758, 32.7039 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(146, 149, 149) }
```


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

```
.border{ border-color:rgb(146, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(146, 149,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0263, 29.7758, 32.7039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 149, 149) }
```

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

```
.background{ background-color: rgb(146,  
149, 149) }
```

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