

Converting Colors

XYZ(29.3567, 30.4025, 32.6447)

Have a look what the booklet for
XYZ(29.3567, 30.4025, 32.6447)
contains.

XYZ(29.4987, 30.5348, 32.7728)	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(29.4987, 30.5348,
32.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9595
RGB	154, 149, 149
RGB Percent	60%, 58%, 58%
CMY	0.3961, 0.4157, 0.4157
CMYK	0.00, 0.03, 0.03, 0.40
HSL	0°, 2%, 59%
HSV	0°, 3%, 60%
XYZ	29.4987, 30.5348, 32.7728
YIQ	150.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

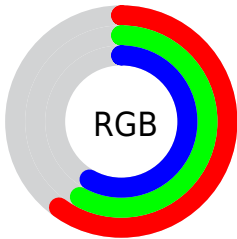
Format	Color
R _Y B	154, 149, 149
Decimal	10130837
CIE Lab	62.11, 1.83, 0.64
CIE LCh	62, 1.942, 19.360
Yxy	30.5348, 0.3179, 0.3290
Android (android.graphics.Color)	4288320917 (0xFF9A9595)
YUV	150.4950, -0.7370, 3.0739
Hunter-Lab	55.2583, -1.4129, 3.5169

Details

The XYZ color **29.4987, 30.5348, 32.7728** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7828, 31.8335, 35.1471**, and the grayscale version is **29.2027, 30.7235, 33.4579**.

A 20% lighter version of the original color is **58.1479, 60.4336, 65.1000**, and **12.1658, 12.5008, 13.3270** is the 20% darker color. If you saturate the color by 10%, you get **26.0734, 25.5232, 25.9608**, and if you desaturate by 10%, it is **33.4102, 36.2578, 40.5497**.

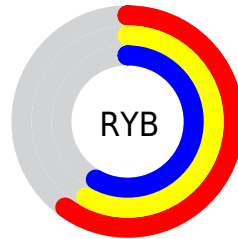
Distribution



Red (60%)

Green (58%)

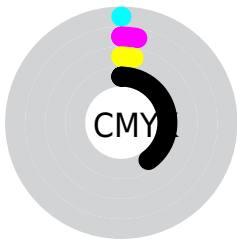
Blue (58%)



Red (60%)

Yellow (58%)

Blue (58%)

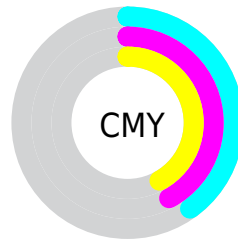


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4987, 30.5348, 32.7728 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 29.4987, 30.5348, 32.7728 by changing the saturation by 10% instead.

■ 29.4987, 30.5348,
32.7728

■ 29.4987, 30.5348,
32.7728

291.5127,
304.3894, 329.2253

■ 19.6046, 20.2449,
21.6828

■ 58.2606, 60.5069,
65.1326

■ 12.2145, 12.5732,
13.4279

■ 77.8591, 80.9579,
87.2394

■ 6.9632, 7.1353,
7.5897

101.4230,
105.5647, 113.8555

■ 3.4852, 3.5469,
3.7495

129.3178,
134.7116, 145.3996

■ 1.4152, 1.4235,
1.4890

161.9088,
168.7832, 182.2900

■ 0.2670, 0.2339,
0.2097

199.5614,

■ 0.0000, 0.0000,

208.1637, 224.9454

0.0000

242.6409,
253.2377, 273.7843

■ 29.4987, 30.5348,
32.7728

■ 29.4987, 30.5348,
32.7728

■ 26.0734, 25.5232,
25.9608

■ 33.4102, 36.2578,
40.5497

■ 23.1129, 21.1915,
20.0743

■ 37.8231, 42.7143,
49.3251

■ 20.5979, 17.5115,
15.0740

■ 42.7553, 49.9305,
59.1333

■ 18.5069, 14.4518,
10.9169

■ 48.2228, 57.9298,
70.0064

■ 16.8165, 11.9782,
7.5567

■ 54.2411, 66.7348,
81.9750

■ 15.5011, 10.0533,
4.9423

■ 60.8250, 76.3673,
95.0686

■ 14.5323, 8.6354,
3.0170

■ 67.1367, 85.6101,
107.5937

■ 13.8773, 7.6767,
1.7159

■ 13.4974, 7.1204,
0.9617

Harmonies

Analogous

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



29.5187, 30.5348, 33.5134



29.4987, 30.5348, 32.7728



29.3507, 30.5348, 32.1680

Triad

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



29.4987, 30.5348, 32.7728



28.6431, 30.5348, 32.3194



28.9298, 30.5348, 34.6806

Complementary

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



29.4987, 30.5348, 32.7728



29.7828, 31.8335, 35.1471

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.



28.6966, 30.5348, 34.3503



29.4987, 30.5348, 32.7728



28.5317, 30.5348, 32.9824

Square

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



29.4987, 30.5348, 32.7728



28.8563, 30.5348, 31.9089



28.5513, 30.5348, 33.7262



29.1892, 30.5348, 34.6224

Rectangle

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



29.4987, 30.5348, 32.7728



29.1998, 30.5348, 31.9196



28.5513, 30.5348, 33.7262



28.8458, 30.5348, 34.6111

Sweetspot

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



29.4996, 30.5361, 32.7735



55.0920, 57.6718, 62.5264



29.9071, 30.6985, 34.9215



12.4793, 13.0676, 14.1713



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.



29.4996, 30.5361, 32.7735



53.0356, 54.6630, 58.4374



29.8990, 31.3350, 32.9066



6.5736, 6.7565, 7.2047



10.8582, 5.5987, 0.5084



0.1624, 0.0838, 0.0076

Inverse Universe

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



29.7828, 31.8335, 35.1471



53.6788, 57.6088, 63.8267



29.3749, 31.0177, 35.0112



6.6639, 7.1704, 7.9618



14.1562, 20.7092, 28.1589



0.2117, 0.3098, 0.4210

Previews

White Background



This preview shows how the XYZ color 29.4987, 30.5348, 32.7728 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 29.4987, 30.5348, 32.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

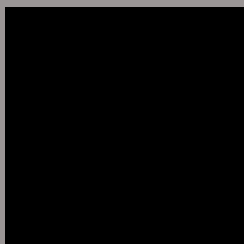
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

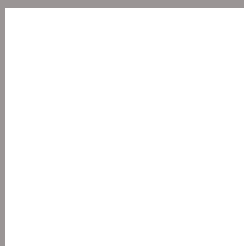
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4987, 30.5348, 32.7728

Background



This preview shows how black text looks on a background with the XYZ color 29.4987, 30.5348, 32.7728.



This preview shows how white text looks on a background with the XYZ color 29.4987, 30.5348,

32.7728.

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

29.4987, 30.5348, 32.7728

Protanopia

29.3091, 30.4371, 32.7640

Deuteranopia

31.1475, 30.4521, 33.0904



Tritanopia

30.2093, 30.3392, 37.0647

Trichromacy



Original Color

29.4987, 30.5348, 32.7728

Protanomaly

29.3091, 30.4371, 32.7640

Deuteranomaly

30.4818, 30.3368, 33.1032

Tritanomaly

30.0239, 30.5149, 35.3179

Monochromacy



Original Color

29.4987, 30.5348, 32.7728

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1739, 30.5940, 33.2218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4987, 30.5348, 32.7728 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(154, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.4987, 30.5348, 32.7728 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(154, 149, 149) }
```


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

```
.border{ border-color:rgb(154, 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(154, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(154, 149,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4987, 30.5348, 32.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 149, 149) }
```

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

```
.background{ background-color: rgb(154,  
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