

Converting Colors

XYZ(29.4556, 29.5901, 32.5931)

Have a look what the booklet for
XYZ(29.4556, 29.5901, 32.5931)
contains.

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Color

**XYZ(29.4548, 29.5888,
32.5925)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9195
RGB	157, 145, 149
RGB Percent	62%, 57%, 58%
CMY	0.3843, 0.4314, 0.4157
CMYK	0.00, 0.08, 0.05, 0.38
HSL	340°, 6%, 59%
HSV	340°, 8%, 62%
XYZ	29.4548, 29.5888, 32.5925
YIQ	149.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

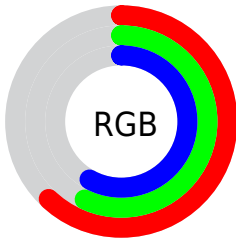
Format	Color
RYB	157, 145, 149
Decimal	10326421
CIELab	61.30, 5.18, -0.52
CIELCh	61, 5.203, 354.314
Yxy	29.5888, 0.3214, 0.3229
Android (android.graphics.Color)	4288516501 (0xFF9D9195)
YUV	149.0440, -0.0217, 6.9774
Hunter-Lab	54.3956, 1.4641, 2.5518

Details

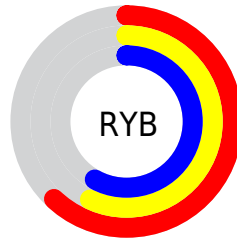
The XYZ color **29.4548, 29.5888, 32.5925** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4849, 32.4343, 34.8450**, and the grayscale version is **28.5846, 30.0732, 32.7497**.

A 20% lighter version of the original color is **58.3543, 59.1557, 64.8425**, and **12.2407, 12.1304, 13.2515** is the 20% darker color. If you saturate the color by 10%, you get **26.4211, 24.7992, 27.6413**, and if you desaturate by 10%, it is **32.8968, 35.0741, 38.0513**.

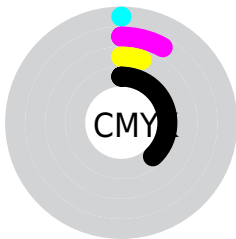
Distribution



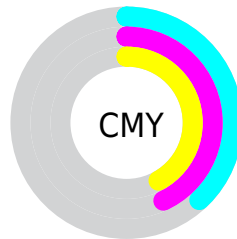
- Red (62%)
- Green (57%)
- Blue (58%)



- Red (62%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4548, 29.5888, 32.5925 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 29.4548, 29.5888, 32.5925 by changing the saturation by 10% instead.

■ 29.4548, 29.5888,
32.5925

■ 29.4548, 29.5888,
32.5925

291.3105,
299.9830, 328.3850

■ 19.5711, 19.5267,
21.5459

■ 58.1915, 59.0113,
64.8475

■ 12.1901, 12.0515,
13.3285

■ 77.7752, 79.1404,
86.8929

■ 6.9464, 6.7787,
7.5218

101.3230,
103.3941, 113.4417

■ 3.4747, 3.3241,
3.7071

129.2002,
132.1565, 144.9124

■ 1.4095, 1.3032,
1.4661

161.7722,
165.8123, 181.7235

■ 0.2629, 0.1437,
0.1925

199.4044,

■ 0.0000, 0.0000,

204.7457, 224.2937

0.0000

242.4620,
249.3411, 273.0413

■ 29.4548, 29.5888,
32.5925

■ 29.4548, 29.5888,
32.5925

■ 26.4211, 24.7992,
27.6413

■ 32.8968, 35.0741,
38.0513

■ 23.7779, 20.6737,
23.1809

■ 36.7594, 41.2775,
44.0300

■ 21.5093, 17.1839,
19.1963

■ 41.0571, 48.2251,
50.5429

■ 19.5978, 14.2977,
15.6711

■ 45.8034, 55.9406,
57.6031

■ 18.0242, 11.9803,
12.5876

■ 51.0108, 64.4467,
65.2233

■ 16.7672, 10.1936,
9.9273

■ 56.6915, 73.7650,
73.4157

■ 15.8035, 8.8942,
7.6698

■ 62.8573, 83.9164,
82.1922

■ 15.1059, 8.0322,
5.7929

■ 64.3376, 84.5573,
89.8370

■ 14.6293, 7.5223,
4.2676

■ 65.8762, 85.1727,
97.9388

Harmonies

Analogous

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



29.2070, 29.5888, 34.4689



29.4548, 29.5888, 32.5925



29.3411, 29.5888, 30.6884

Triad

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



29.4548, 29.5888, 32.5925



27.5843, 29.5888, 28.8994



27.3617, 29.5888, 35.3802

Complementary

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



29.4548, 29.5888, 32.5925



29.4849, 32.4343, 34.8450

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.



26.9396, 29.5888, 33.7959



29.4548, 29.5888, 32.5925



27.0666, 29.5888, 30.0658

Square

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



29.4548, 29.5888, 32.5925



28.2540, 29.5888, 28.6064



26.8325, 29.5888, 31.8447



27.9929, 29.5888, 36.1197

Rectangle

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



29.4548, 29.5888, 32.5925



29.0766, 29.5888, 29.6524



26.8325, 29.5888, 31.8447



27.1910, 29.5888, 34.9257

Sweetspot

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



29.4556, 29.5901, 32.5931



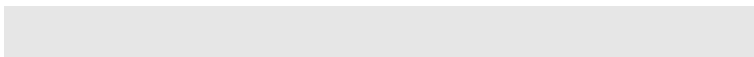
56.1131, 58.3391, 63.7339



29.3490, 29.4588, 36.0379



12.3642, 12.8640, 14.0509



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.



29.4556, 29.5901, 32.5931



51.8725, 51.5987, 56.9538



29.4501, 30.0811, 31.0436



6.7197, 6.6808, 7.3749



11.8179, 6.0317, 3.2922



0.2299, 0.1153, 0.1565

Inverse Universe

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



29.4556, 29.5901, 32.5931



51.8725, 51.5987, 56.9538



29.4851, 31.8975, 36.5014



6.7197, 6.6808, 7.3749



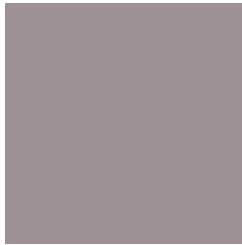
11.8179, 6.0317, 3.2922



0.2299, 0.1153, 0.1565

Previews

White Background



This preview shows how the XYZ color 29.4548, 29.5888, 32.5925 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 29.4548, 29.5888, 32.5925 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

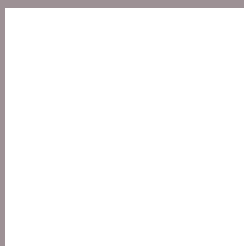
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4548, 29.5888, 32.5925

Background



This preview shows how black text looks on a background with the XYZ color 29.4548, 29.5888, 32.5925.



This preview shows how white text looks on a background with the XYZ color 29.4548, 29.5888,

32.5925.

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

29.4548, 29.5888, 32.5925

Protanopia

28.5164, 29.5535, 33.0556

Deuteranopia

30.1476, 29.4962, 32.5382



Tritanopia

29.9902, 29.5822, 35.1396

Trichromacy



Original Color

29.4548, 29.5888, 32.5925

Protanomaly

28.9208, 29.5321, 33.0301

Deuteranomaly

29.8953, 29.5900, 32.5696

Tritanomaly

29.8236, 29.5155, 34.2622

Monochromacy



Original Color

29.4548, 29.5888, 32.5925

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9636, 30.0251, 32.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4548, 29.5888, 32.5925 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(157, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(157, 145, 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(157, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 145, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.4548, 29.5888, 32.5925 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(157, 145, 149) }
```


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

```
.border{ border-color:rgb(157, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 145, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 145, 149);  
box-shadow:4px 4px 4px 4px rgb(157, 145,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4548, 29.5888, 32.5925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 145, 149) }
```

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

```
.background{ background-color: rgb(157,  
145, 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](#).

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