

Converting Colors

XYZ(29.8166, 29.5595, 32.1514)

Have a look what the booklet for
XYZ(29.8166, 29.5595, 32.1514)
contains.

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Color

**XYZ(29.8158, 29.5582,
32.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	A09094
RGB	160, 144, 148
RGB Percent	63%, 56%, 58%
CMY	0.3725, 0.4353, 0.4196
CMYK	0.00, 0.10, 0.08, 0.37
HSL	345°, 8%, 60%
HSV	345°, 10%, 63%
XYZ	29.8158, 29.5582, 32.1508
YIQ	149.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

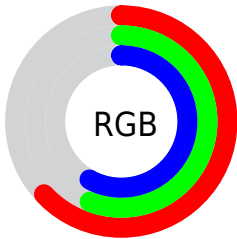
Format	Color
R _Y B	160, 144, 148
Decimal	10522772
CIE Lab	61.27, 6.67, 0.05
CIE LCh	61, 6.669, 0.392
Yxy	29.5582, 0.3258, 0.3230
Android (android.graphics.Color)	4288712852 (0xFFA09094)
YUV	149.2400, -0.6113, 9.4365
Hunter-Lab	54.3675, 2.7486, 2.9954

Details

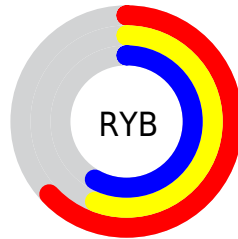
The XYZ color **29.8158, 29.5582, 32.1508** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0743, 33.4721, 36.3299**, and the grayscale version is **28.6688, 30.1619, 32.8463**.

A 20% lighter version of the original color is **58.8791, 59.0995, 64.1812**, and **12.3447, 12.0566, 12.9858** is the 20% darker color. If you saturate the color by 10%, you get **26.6609, 24.6905, 26.6527**, and if you desaturate by 10%, it is **33.4143, 35.1548, 38.2836**.

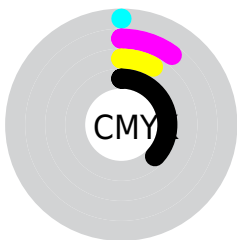
Distribution



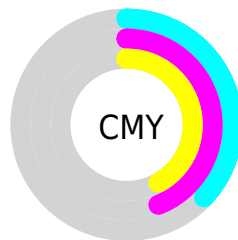
- Red (63%)
- Green (56%)
- Blue (58%)



- Red (63%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (37%)



- Cyan (37%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8158, 29.5582, 32.1508 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 29.8158, 29.5582, 32.1508 by changing the saturation by 10% instead.

■ 29.8158, 29.5582,
32.1508

■ 29.8158, 29.5582,
32.1508

292.9702,
299.8397, 326.3195

■ 19.8462, 19.5035,
21.2109

■ 58.7594, 58.9628,
64.1481

■ 12.3909, 12.0347,
13.0855

■ 78.4641, 79.0815,
86.0426

■ 7.0846, 6.7673,
7.3561

102.1445,
103.3236, 112.4257

■ 3.5619, 3.3170,
3.6039

130.1660,
132.0735, 143.7160

■ 1.4574, 1.2994,
1.4107

162.8940,
165.7157, 180.3319

■ 0.2966, 0.1407,
0.1500

200.6938,

■ 0.0000, 0.0000,

204.6346, 222.6922

0.0000

243.9307,
249.2144, 271.2152

■ 29.8158, 29.5582,
32.1508

■ 29.8158, 29.5582,
32.1508

■ 26.6609, 24.6905,
26.6527

■ 33.4143, 35.1548,
38.2836

■ 23.9299, 20.5180,
21.7668

■ 37.4705, 41.5047,
45.0687

■ 21.6049, 17.0098,
17.4721

■ 42.0005, 48.6358,
52.5255

■ 19.6662, 14.1315,
13.7458

■ 47.0192, 56.5735,
60.6719

■ 18.0921, 11.8453,
10.5632

■ 52.5409, 65.3420,
69.5252

■ 16.8586, 10.1095,
7.8981

■ 58.5790, 74.9645,
79.1021

■ 15.9390, 8.8769,
5.7217

■ 64.8252, 84.8208,
89.3114

■ 15.3022, 8.0922,
4.0023

■ 66.5894, 85.5265,
98.6012

■ 14.8802, 7.6268,
2.6937

■ 68.3074, 86.2137,
107.6485

Harmonies

Analogous

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



29.5872, 29.5582, 34.6313



29.8158, 29.5582, 32.1508



29.5752, 29.5582, 29.8000

Triad

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



29.8158, 29.5582, 32.1508



27.2490, 29.5582, 28.1922



27.2686, 29.5582, 36.5716

Complementary

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



29.8158, 29.5582, 32.1508



30.0743, 33.4721, 36.3299

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.



26.6634, 29.5582, 34.6915



29.8158, 29.5582, 32.1508



26.6523, 29.5582, 29.8545

Square

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



29.8158, 29.5582, 32.1508



28.0826, 29.5582, 27.5886



26.4401, 29.5582, 32.2169



28.1057, 29.5582, 37.2630

Rectangle

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



29.8158, 29.5582, 32.1508



29.1839, 29.5582, 28.6019



26.4401, 29.5582, 32.2169



27.0319, 29.5582, 36.0530

Sweetspot

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



29.8166, 29.5595, 32.1514



58.5844, 60.5787, 65.9802



30.0297, 29.5539, 37.3800



12.7348, 13.1089, 14.2773



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.



29.8166, 29.5595, 32.1514



52.7896, 51.5841, 56.0489



30.1222, 30.6682, 30.7190



6.6977, 6.6720, 7.2591



11.6067, 5.9472, 2.1799



0.2229, 0.1125, 0.1197

Inverse Universe

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



29.8166, 29.5595, 32.1514



52.7896, 51.5841, 56.0489



29.7363, 32.2453, 37.9149



6.6977, 6.6720, 7.2591



11.6067, 5.9472, 2.1799



0.2229, 0.1125, 0.1197

Previews

White Background



This preview shows how the XYZ color 29.8158, 29.5582, 32.1508 looks on a white background.

Color Contrast Check

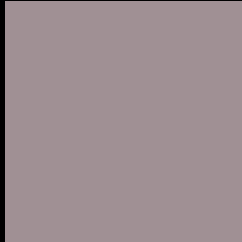
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8158, 29.5582, 32.1508 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

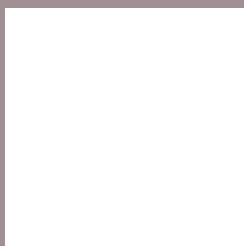
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8158, 29.5582, 32.1508

Background



This preview shows how black text looks on a background with the XYZ color 29.8158, 29.5582, 32.1508.



This preview shows how white text looks on a background with the XYZ color 29.8158, 29.5582,

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

29.8158, 29.5582, 32.1508

Protanopia

28.5164, 29.5535, 33.0556

Deuteranopia

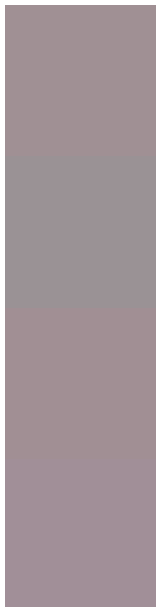
30.0680, 29.4644, 32.1194



Tritanopia

30.3531, 29.5551, 34.6768

Trichromacy



Original Color

29.8158, 29.5582, 32.1508

Protanomaly

29.0301, 29.5977, 32.6166

Deuteranomaly

29.8657, 29.3601, 32.1099

Tritanomaly

30.1879, 29.4890, 33.8066

Monochromacy



Original Color

29.8158, 29.5582, 32.1508

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9954, 29.8097, 32.6594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8158, 29.5582, 32.1508 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, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(160, 144, 148)  
}
```

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, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 144, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.8158, 29.5582, 32.1508 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, 144, 148) }
```


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

```
.border{ border-color:rgb(160, 144, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 144, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(160, 144,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8158, 29.5582, 32.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 144, 148) }
```

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

```
.background{ background-color: rgb(160,  
144, 148) }
```

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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