

Converting Colors

XYZ(30.3918, 29.4388, 31.8543)

Have a look what the booklet for
XYZ(30.3918, 29.4388, 31.8543)
contains.

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Color

**XYZ(30.2493, 29.3451,
31.6736)**

Conversions

Conversions Part 1

Format	Color
Hex	A48E93
RGB	164, 142, 147
RGB Percent	64%, 56%, 58%
CMY	0.3569, 0.4431, 0.4235
CMYK	0.00, 0.13, 0.10, 0.36
HSL	346°, 11%, 60%
HSV	346°, 13%, 64%
XYZ	30.2493, 29.3451, 31.6736
YIQ	149.1480, 11.5070, 6.2190

Conversions

Conversions Part 2

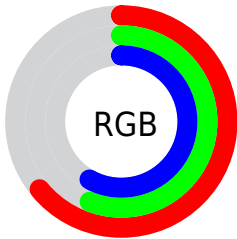
Format	Color
R _Y B	164, 142, 147
Decimal	10784403
CIE Lab	61.08, 9.11, 0.39
CIE LCh	61, 9.118, 2.432
Yxy	29.3451, 0.3314, 0.3215
Android (android.graphics.Color)	4288974483 (0xFFA48E93)
YUV	149.1480, -1.0590, 13.0252
Hunter-Lab	54.1711, 4.8754, 3.2532

Details

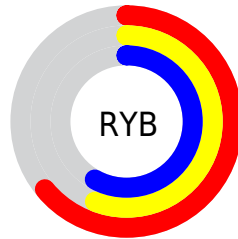
The XYZ color **30.2493, 29.3451, 31.6736** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6899, 34.8057, 37.9032**, and the grayscale version is **28.6309, 30.1220, 32.8028**.

A 20% lighter version of the original color is **59.4960, 58.7570, 63.4638**, and **12.6669, 11.9621, 12.9506** is the 20% darker color. If you saturate the color by 10%, you get **27.0462, 24.4436, 25.9664**, and if you desaturate by 10%, it is **33.9227, 35.0111, 38.0789**.

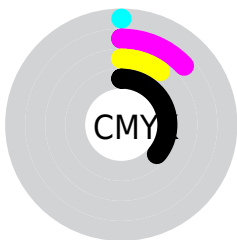
Distribution



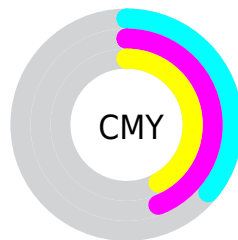
- Red (64%)
- Green (56%)
- Blue (58%)



- Red (64%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2493, 29.3451, 31.6736 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 30.2493, 29.3451, 31.6736 by changing the saturation by 10% instead.

■ 30.2493, 29.3451,
31.6736

■ 30.2493, 29.3451,
31.6736

294.9538,
298.8398, 324.0765

■ 20.1769, 19.3420,
20.8496

■ 59.4401, 58.6249,
63.3910

■ 12.6327, 11.9177,
12.8239

■ 79.2893, 78.6705,
85.1214

■ 7.2514, 6.6877,
7.1781

■ 103.1281,
102.8324, 111.3244

■ 3.6675, 3.2675,
3.4936

131.3218,
131.4949, 142.4185

■ 1.5158, 1.2730,
1.3519

164.2359,
165.0425, 178.8222

■ 0.3366, 0.1201,
0.1037

202.2357,

■ 0.0000, 0.0000,

203.8596, 220.9541

0.0000

245.6865,
248.3305, 269.2327

■ 30.2493, 29.3451,
31.6736

■ 30.2493, 29.3451,
31.6736

■ 27.0462, 24.4436,
25.9664

■ 33.9227, 35.0111,
38.0789

■ 24.2917, 20.2699,
20.9317

■ 38.0819, 41.4684,
45.2032

■ 21.9662, 16.7905,
16.5448

■ 42.7449, 48.7472,
53.0687

■ 20.0476, 13.9674,
12.7789

■ 47.9279, 56.8750,
61.6961

■ 18.5118, 11.7590,
9.6054

■ 53.6463, 65.8780,
71.1053

■ 17.3318, 10.1189,
6.9931

■ 59.9150, 75.7815,
81.3154

■ 16.4775, 8.9942,
4.9079

■ 66.1700, 85.4526,
92.1521

■ 15.9128, 8.3216,
3.3117

■ 68.0749, 86.2146,
102.1833

■ 15.6480, 8.0278,
2.4962

■ 69.1200, 86.6326,
107.6865

Harmonies

Analogous

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



29.9771, 29.3451, 35.0930



30.2493, 29.3451, 31.6736



29.8750, 29.3451, 28.5532

Triad

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



30.2493, 29.3451, 31.6736



26.6782, 29.3451, 26.7164



26.8424, 29.3451, 38.1432

Complementary

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



30.2493, 29.3451, 31.6736



30.6899, 34.8057, 37.9032

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.



25.9981, 29.3451, 35.6100



30.2493, 29.3451, 31.6736



25.9052, 29.3451, 29.0039

Square

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



30.2493, 29.3451, 31.6736



27.7943, 29.3451, 25.8215



25.6598, 29.3451, 32.2317



27.9892, 29.3451, 38.9829

Rectangle

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



30.2493, 29.3451, 31.6736



29.3152, 29.3451, 27.0176



25.6598, 29.3451, 32.2317



26.5149, 29.3451, 37.4530

Sweetspot

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



30.2501, 29.3464, 31.6742



61.1061, 62.8252, 68.3087



30.6464, 29.3850, 39.1789



13.2480, 13.5632, 14.7415



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.2501, 29.3464, 31.6742



53.1429, 50.5582, 54.3730



30.7623, 30.9847, 29.9521



7.1366, 7.1111, 7.7059



12.0136, 6.1615, 1.9963



0.2689, 0.1360, 0.1285

Inverse Universe

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



30.2501, 29.3464, 31.6742



53.1429, 50.5582, 54.3730



30.1068, 32.9313, 39.8919



7.1366, 7.1111, 7.7059



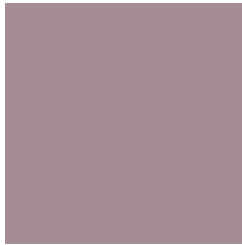
12.0136, 6.1615, 1.9963



0.2689, 0.1360, 0.1285

Previews

White Background



This preview shows how the XYZ color 30.2493, 29.3451, 31.6736 looks on a white background.

Color Contrast Check

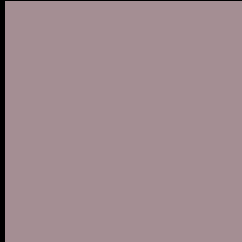
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2493, 29.3451, 31.6736 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

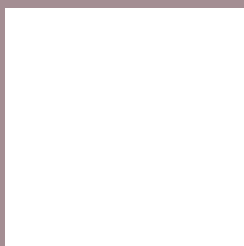
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2493, 29.3451, 31.6736

Background



This preview shows how black text looks on a background with the XYZ color 30.2493, 29.3451, 31.6736.



This preview shows how white text looks on a background with the XYZ color 30.2493, 29.3451,

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

30.2493, 29.3451, 31.6736

Protanopia

28.3332, 29.4590, 33.0470

Deuteranopia

29.9892, 29.4329, 31.7043



Tritanopia

30.7094, 29.3161, 33.7458

Trichromacy



Original Color

30.2493, 29.3451, 31.6736

Protanomaly

28.8766, 29.2907, 32.5655

Deuteranomaly

30.1932, 29.5380, 31.7138

Tritanomaly

30.5469, 29.2511, 32.8902

Monochromacy



Original Color

30.2493, 29.3451, 31.6736

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9506, 29.5659, 32.1979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2493, 29.3451, 31.6736 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(164, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(164, 142, 147)  
}
```

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(164, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 142, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.2493, 29.3451, 31.6736 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(164, 142, 147) }
```


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

```
.border{ border-color:rgb(164, 142, 147) }
```

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

Here you see how a box with a 4 pixel rgb(164, 142, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(164, 142,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2493, 29.3451, 31.6736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 142, 147) }
```

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

```
.background{ background-color: rgb(164,  
142, 147) }
```

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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