

Converting Colors

XYZ(30.7570, 29.1454, 35.3932)

Have a look what the booklet for
XYZ(30.7570, 29.1454, 35.3932)
contains.

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Color

**XYZ(30.6887, 29.0490,
35.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	A48C9C
RGB	164, 140, 156
RGB Percent	64%, 55%, 61%
CMY	0.3569, 0.4510, 0.3882
CMYK	0.00, 0.15, 0.05, 0.36
HSL	320°, 12%, 60%
HSV	320°, 15%, 64%
XYZ	30.6887, 29.0490, 35.4420
YIQ	149.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

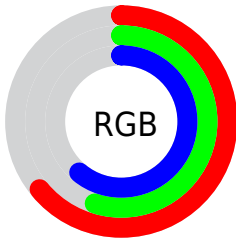
Format	Color
RYB	164, 140, 156
Decimal	10783900
CIELab	60.82, 11.88, -5.12
CIElCh	61, 12.933, 336.672
Yxy	29.0490, 0.3224, 0.3052
Android (android.graphics.Color)	4288973980 (0xFFA48C9C)
YUV	149.0000, 3.4510, 13.1550
Hunter-Lab	53.8971, 7.3169, -1.2603

Details

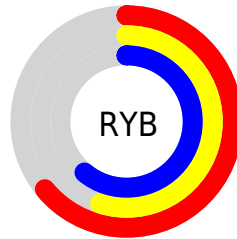
The XYZ color **30.6887, 29.0490, 35.4420** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4372, 34.2653, 33.0811**, and the grayscale version is **28.5510, 30.0379, 32.7113**.

A 20% lighter version of the original color is **60.1381, 58.2968, 69.0556**, and **12.8881, 11.7770, 14.9585** is the 20% darker color. If you saturate the color by 10%, you get **28.0162, 24.4281, 32.3183**, and if you desaturate by 10%, it is **33.7409, 34.3952, 38.7958**.

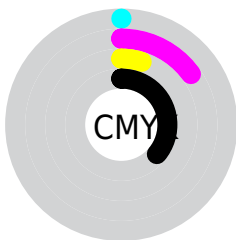
Distribution



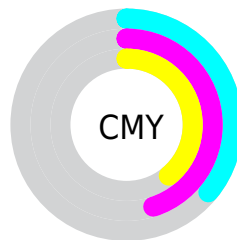
- Red (64%)
- Green (55%)
- Blue (61%)



- Red (64%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6887, 29.0490, 35.4420 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 30.6887, 29.0490, 35.4420 by changing the saturation by 10% instead.

■ 30.6887, 29.0490,
35.4420

■ 30.6887, 29.0490,
35.4420

296.9541,
297.4461, 341.4784

■ 20.5126, 19.1179,
23.7173

■ 60.1288, 58.1549,
69.3293

■ 12.8786, 11.7555,
14.9138

■ 80.1235, 78.0985,
92.3289

■ 7.4214, 6.5774,
8.6129

■ 104.1218,
102.1484, 119.9239

■ 3.7757, 3.1993,
4.3962

132.4890,
130.6890, 152.5328

■ 1.5760, 1.2366,
1.8451

165.5905,
164.1047, 190.5741

■ 0.3767, 0.0913,
0.4575

203.7916,

■ 0.0000, 0.0000,

202.7798, 234.4665

0.0000

247.4577,
247.0988, 284.6284

■ 30.6887, 29.0490,
35.4420

■ 30.6887, 29.0490,
35.4420

■ 28.0162, 24.4281,
32.3183

■ 33.7409, 34.3952,
38.7958

■ 25.7049, 20.4969,
29.4162

■ 37.1852, 40.4924,
42.3841

■ 23.7384, 17.2229,
26.7292

■ 41.0368, 47.3698,
46.2136

■ 22.0981, 14.5691,
24.2496

■ 45.3092, 55.0541,
50.2900

■ 20.7634, 12.4951,
21.9692

■ 50.0150, 63.5706,
54.6189

■ 19.7115, 10.9555,
19.8790

■ 55.1668, 72.9432,
59.2055

■ 18.9159, 9.8982,
17.9686

■ 60.7761, 83.1954,
64.0551

■ 18.3448, 9.2594,
16.2259

■ 61.4651, 83.5706,
67.3761

■ 18.0880, 9.0038,
15.3448

■ 62.1147, 83.8305,
70.7966

Harmonies

Analogous

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



29.5878, 29.0490, 39.6579



30.6887, 29.0490, 35.4420



30.9497, 29.0490, 30.5650

Triad

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



30.6887, 29.0490, 35.4420



27.2360, 29.0490, 23.2906



25.0959, 29.0490, 37.4919

Complementary

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



30.6887, 29.0490, 35.4420



29.4372, 34.2653, 33.0811

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.



24.5200, 29.0490, 32.7182



30.6887, 29.0490, 35.4420



25.7228, 29.0490, 24.7650

Square

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



30.6887, 29.0490, 35.4420



28.9112, 29.0490, 23.8616



24.7448, 29.0490, 28.1006



26.3488, 29.0490, 40.9229

Rectangle

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



30.6887, 29.0490, 35.4420



30.6031, 29.0490, 27.6500



24.7448, 29.0490, 28.1006



24.8190, 29.0490, 35.9734

Sweetspot

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



30.6895, 29.0503, 35.4426



61.5738, 63.0123, 70.7714



28.2929, 27.7339, 38.9844



13.3678, 13.6111, 15.3722



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.



30.6895, 29.0503, 35.4426



53.8290, 49.4709, 62.1838



29.7230, 28.6637, 30.3530



7.2634, 7.1618, 8.3737



13.8915, 6.9127, 11.8852



0.3124, 0.1535, 0.3578

Inverse Universe

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



30.6895, 29.0503, 35.4426



53.8290, 49.4709, 62.1838



30.4368, 34.6652, 38.3453



7.2634, 7.1618, 8.3737



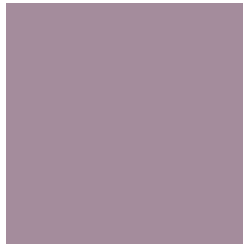
13.8915, 6.9127, 11.8852



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 30.6887, 29.0490, 35.4420 looks on a white background.

Color Contrast Check

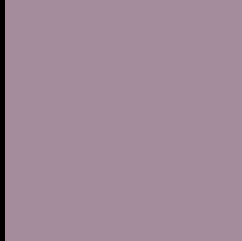
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6887, 29.0490, 35.4420 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 30.6887, 29.0490, 35.4420

Background



This preview shows how black text looks on a background with the XYZ color 30.6887, 29.0490, 35.4420.



This preview shows how white text looks on a background with the XYZ color 30.6887, 29.0490,

35.4420.

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

30.6887, 29.0490, 35.4420

Protanopia

28.4781, 29.2068, 37.3942

Deuteranopia

29.7278, 29.2133, 35.5244



Tritanopia

30.2966, 29.1033, 33.7265

Trichromacy



Original Color

30.6887, 29.0490, 35.4420

Protanomaly

29.3681, 29.2220, 36.8934

Deuteranomaly

30.1710, 29.2199, 35.5023

Tritanomaly

30.3789, 29.1362, 34.1597

Monochromacy



Original Color

30.6887, 29.0490, 35.4420

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.2728, 29.6948, 33.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6887, 29.0490, 35.4420 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, 140, 156)` looks like.

```
.text, #text, p{  
    color:rgb(164, 140, 156)  
}
```

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, 140, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 140, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.6887, 29.0490, 35.4420 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, 140, 156) }
```


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

```
.border{ border-color:rgb(164, 140, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 140, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 140, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 140, 156);  
box-shadow:4px 4px 4px 4px rgb(164, 140,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6887, 29.0490, 35.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 140, 156) }
```

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

```
.background{ background-color: rgb(164,  
140, 156) }
```

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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