

Converting Colors

XYZ(30.5942, 29.6985, 33.8257)

Have a look what the booklet for
XYZ(30.5942, 29.6985, 33.8257)
contains.

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Color

**XYZ(30.5942, 29.6985,
33.8256)**

Conversions

Conversions Part 1

Format	Color
Hex	A38F98
RGB	163, 143, 152
RGB Percent	64%, 56%, 60%
CMY	0.3608, 0.4392, 0.4039
CMYK	0.00, 0.12, 0.07, 0.36
HSL	333°, 10%, 60%
HSV	333°, 12%, 64%
XYZ	30.5942, 29.6985, 33.8256
YIQ	150.0060, 9.0310, 7.0390

Conversions

Conversions Part 2

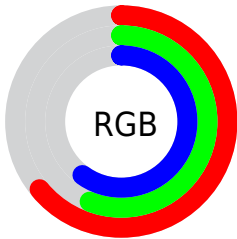
Format	Color
R_{YB}	163, 143, 152
Decimal	10719128
CIE Lab	61.39, 9.07, -2.02
CIE LCh	61, 9.296, 347.465
Yxy	29.6985, 0.3251, 0.3155
Android (android.graphics.Color)	4288909208 (0xFFA38F98)
YUV	150.0060, 0.9830, 11.3957
Hunter-Lab	54.4963, 4.8412, 1.3464

Details

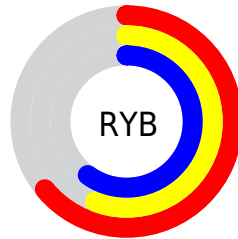
The XYZ color **30.5942, 29.6985, 33.8256** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2588, 34.3679, 35.6124**, and the grayscale version is **28.9860, 30.4955, 33.2096**.

A 20% lighter version of the original color is **60.0203, 59.2942, 66.6740**, and **12.8189, 12.1478, 13.9811** is the 20% darker color. If you saturate the color by 10%, you get **27.6161, 24.8732, 29.3458**, and if you desaturate by 10%, it is **33.9851, 35.2597, 38.7177**.

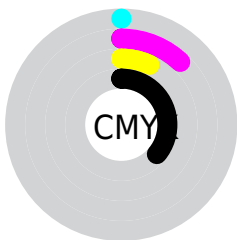
Distribution



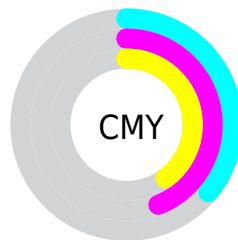
- Red (64%)
- Green (56%)
- Blue (60%)



- Red (64%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5942, 29.6985, 33.8256 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 30.5942, 29.6985, 33.8256 by changing the saturation by 10% instead.

■ 30.5942, 29.6985,
33.8256

■ 30.5942, 29.6985,
33.8256

296.5248,
300.4966, 334.0991

■ 20.4403, 19.6099,
22.4834

■ 59.9808, 59.1850,
66.7932

■ 12.8257, 12.1118,
14.0108

■ 79.9443, 79.3517,
89.2556

■ 7.3848, 6.8198,
7.9893

■ 103.9083,
103.6466, 116.2618

■ 3.7523, 3.3497,
4.0005

132.2383,
132.4539, 148.2304

■ 1.5630, 1.3169,
1.6256

165.2996,
166.1582, 185.5799

■ 0.3681, 0.1542,
0.3090

203.4575,

■ 0.0000, 0.0000,

205.1438, 228.7288

0.0000

247.0775,
249.7951, 278.0957

■ 30.5942, 29.6985,
33.8256

■ 30.5942, 29.6985,
33.8256

■ 27.6161, 24.8732,
29.3458

■ 33.9851, 35.2597,
38.7177

■ 25.0318, 20.7490,
25.2647

■ 37.8017, 41.5821,
44.0312

■ 22.8245, 17.2938,
21.5711

■ 42.0596, 48.6945,
49.7771

■ 20.9751, 14.4717,
18.2520

■ 46.7729, 56.6232,
55.9658

■ 19.4629, 12.2432,
15.2938

■ 51.9548, 65.3931,
62.6069

■ 18.2647, 10.5646,
12.6819

■ 57.6181, 75.0281,
69.7100

■ 17.3545, 9.3859,
10.4001

■ 63.1001, 84.2009,
77.0591

■ 16.7012, 8.6476,
8.4306

■ 64.2827, 84.6739,
83.2866

■ 16.3182, 8.2721,
7.0985

■ 65.5294, 85.1726,
89.8517

Harmonies

Analogous

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



30.0023, 29.6985, 37.1238



30.5942, 29.6985, 33.8256



30.5388, 29.6985, 30.3505

Triad

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



30.5942, 29.6985, 33.8256



27.5252, 29.6985, 26.3091



26.6622, 29.6985, 37.5763

Complementary

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



30.5942, 29.6985, 33.8256



30.2588, 34.3679, 35.6124

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.



26.0359, 29.6985, 34.4076



30.5942, 29.6985, 33.8256



26.5242, 29.6985, 27.9798

Square

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



30.5942, 29.6985, 33.8256



28.7428, 29.6985, 26.1782



25.9862, 29.6985, 30.8920



27.7185, 29.6985, 39.3923

Rectangle

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



30.5942, 29.6985, 33.8256



30.1422, 29.6985, 28.3976



25.9862, 29.6985, 30.8920



26.3957, 29.6985, 36.6240

Sweetspot

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



30.5950, 29.6998, 33.8262



59.7116, 61.2486, 67.7020



29.7609, 29.1608, 38.7107



13.3083, 13.5873, 15.0590



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.



30.5950, 29.6998, 33.8262



53.1107, 50.4517, 58.0875



30.0365, 29.7176, 30.1412



7.2000, 7.1365, 8.0398



12.7044, 6.4378, 5.6342



0.2907, 0.1448, 0.2432

Inverse Universe

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



30.5950, 29.6998, 33.8262



53.1107, 50.4517, 58.0875



30.8598, 34.3253, 39.6496



7.2000, 7.1365, 8.0398



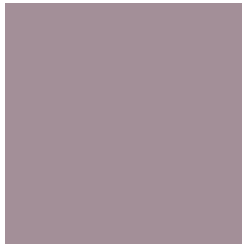
12.7044, 6.4378, 5.6342



0.2907, 0.1448, 0.2432

Previews

White Background



This preview shows how the XYZ color 30.5942, 29.6985, 33.8256 looks on a white background.

Color Contrast Check

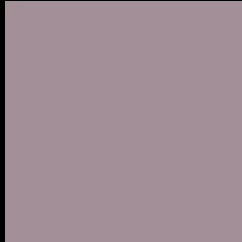
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5942, 29.6985, 33.8256 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

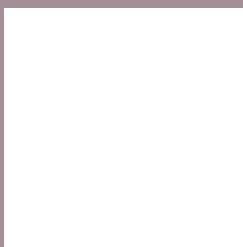
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5942, 29.6985, 33.8256

Background



This preview shows how black text looks on a background with the XYZ color 30.5942, 29.6985, 33.8256.



This preview shows how white text looks on a background with the XYZ color 30.5942, 29.6985,

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

30.5942, 29.6985, 33.8256

Protanopia

28.7445, 29.6236, 35.2133

Deuteranopia

30.3387, 29.7906, 33.8569



Tritanopia

30.7595, 29.7645, 34.6958

Trichromacy



Original Color

30.5942, 29.6985, 33.8256

Protanomaly

29.4380, 29.7609, 34.7647

Deuteranomaly

30.5410, 29.8949, 33.8664

Tritanomaly

30.6765, 29.7314, 34.2589

Monochromacy



Original Color

30.5942, 29.6985, 33.8256

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.5372, 30.0704, 33.5255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5942, 29.6985, 33.8256 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(163, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(163, 143, 152)  
}
```

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(163, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 143, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.5942, 29.6985, 33.8256 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(163, 143, 152) }
```


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

```
.border{ border-color:rgb(163, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(163, 143,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5942, 29.6985, 33.8256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 143, 152) }
```

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

```
.background{ background-color: rgb(163,  
143, 152) }
```

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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