

Converting Colors

XYZ(30.1862, 32.6798, 28.7616)

Have a look what the booklet for
XYZ(30.1862, 32.6798, 28.7616)
contains.

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Color

**XYZ(30.1862, 32.6798,
28.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9C8A
RGB	156, 156, 138
RGB Percent	61%, 61%, 54%
CMY	0.3882, 0.3882, 0.4588
CMYK	0.00, 0.00, 0.12, 0.39
HSL	60°, 8%, 58%
HSV	60°, 12%, 61%
XYZ	30.1862, 32.6798, 28.7616
YIQ	153.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

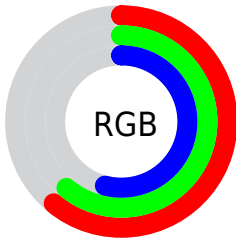
Format	Color
RYB	138, 156, 138
Decimal	10263690
CIELab	63.90, -3.26, 9.43
CIELCh	64, 9.983, 109.088
Yxy	32.6798, 0.3294, 0.3567
Android (android.graphics.Color)	4288453770 (0xFF9C9C8A)
YUV	153.9480, -7.8624, 1.7996
Hunter-Lab	57.1662, -5.7854, 10.1863

Details

The XYZ color **30.1862, 32.6798, 28.7616** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5717, 25.9814, 35.1213**, and the grayscale version is **30.7247, 32.3248, 35.2017**.

A 20% lighter version of the original color is **59.3145, 63.7037, 58.4600**, and **12.6387, 13.8110, 11.2322** is the 20% darker color. If you saturate the color by 10%, you get **29.1368, 32.2610, 23.2342**, and if you desaturate by 10%, it is **31.3997, 33.1663, 35.1450**.

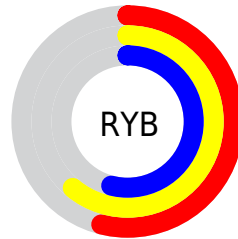
Distribution



Red (61%)

Green (61%)

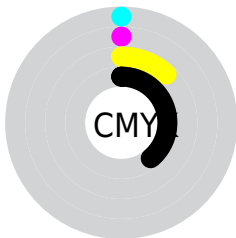
Blue (54%)



Red (54%)

Yellow (61%)

Blue (54%)

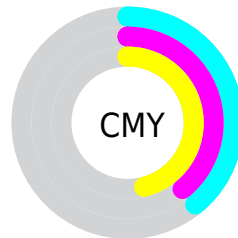


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1862, 32.6798, 28.7616 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 30.1862, 32.6798, 28.7616 by changing the saturation by 10% instead.

■ 30.1862, 32.6798,
28.7616

■ 30.1862, 32.6798,
28.7616

294.6657,
314.2044, 310.1141

■ 20.1287, 21.8813,
18.6565

■ 59.3411, 63.8753,
58.7358

■ 12.5975, 13.7697,
11.2481

■ 79.1693, 85.0410,
79.4419

■ 7.2270, 7.9606,
6.1177

■ 102.9851,
110.4313, 104.5189

■ 3.6521, 4.0698,
2.8468

131.1538,
140.4305, 134.3851

■ 1.5072, 1.7127,
1.0170

164.0409,
175.4230, 169.4592

■ 0.3308, 0.4318,
0.0000

202.0117,

■ 0.0000, 0.0000,

215.7933, 210.1597

0.0000

245.4315,
261.9256, 256.9052

■ 30.1862, 32.6798,
28.7616

■ 30.1862, 32.6798,
28.7616

■ 29.1368, 32.2610,
23.2342

■ 31.3997, 33.1663,
35.1450

■ 28.2418, 31.9030,
18.5243

■ 32.7810, 33.7189,
42.4163

■ 27.4949, 31.6042,
14.5939

■ 34.3372, 34.3415,
50.6084

■ 26.8881, 31.3614,
11.4009

■ 36.0742, 35.0363,
59.7521

■ 26.4125, 31.1711,
8.8994

■ 37.9973, 35.8056,
69.8764

■ 26.0585, 31.0294,
7.0382

■ 40.1120, 36.6516,
81.0093

■ 25.8151, 30.9320,
5.7593

■ 42.4233, 37.5761,
93.1777

■ 25.6692, 30.8736,
4.9938

■ 43.6538, 38.0684,
99.6549

■ 25.5948, 30.8438,
4.6045

■ 43.6543, 38.0687,
99.6549

Harmonies

Analogous

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



31.5753, 32.6798, 28.5146



30.1862, 32.6798, 28.7616



29.0643, 32.6798, 30.7533

Triad

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



30.1862, 32.6798, 28.7616



29.3256, 32.6798, 41.7547



33.7896, 32.6798, 37.0673

Complementary

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



30.1862, 32.6798, 28.7616



25.5717, 25.9814, 35.1213

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.



33.1475, 32.6798, 40.8930



30.1862, 32.6798, 28.7616



30.5527, 32.6798, 43.7319

Square

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



30.1862, 32.6798, 28.7616



28.5779, 32.6798, 38.1729



31.9529, 32.6798, 43.4051



33.6843, 32.6798, 33.1125

Rectangle

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



30.1862, 32.6798, 28.7616



28.6057, 32.6798, 32.8925



31.9529, 32.6798, 43.4051



33.6533, 32.6798, 38.4159

Sweetspot

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



30.1871, 32.6812, 28.7623



56.6736, 60.0946, 61.9659



27.3872, 27.0806, 27.8288



12.4316, 13.2078, 13.4296



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.



30.1871, 32.6812, 28.7623



54.2745, 59.1349, 49.3380



28.5097, 31.8165, 28.6838



7.1701, 7.7203, 7.0979



21.0812, 25.4045, 3.7925



0.3770, 0.4543, 0.0678

Inverse Universe

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



25.5717, 25.9814, 35.1213



44.0941, 44.3567, 63.3644



27.1228, 26.7810, 35.1939



6.2849, 6.4353, 8.3176



4.9431, 1.9773, 26.0284



0.0884, 0.0354, 0.4654

Previews

White Background



This preview shows how the XYZ color 30.1862, 32.6798, 28.7616 looks on a white background.

Color Contrast Check

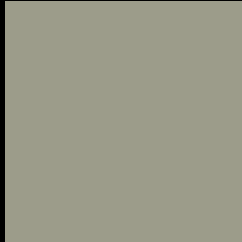
Large Text (above 18pt) WCAG AA × Fail

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 30.1862, 32.6798, 28.7616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

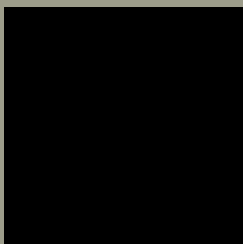
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

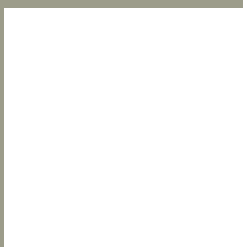
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1862, 32.6798, 28.7616

Background



This preview shows how black text looks on a background with the XYZ color 30.1862, 32.6798, 28.7616.



This preview shows how white text looks on a background with the XYZ color 30.1862, 32.6798,

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

30.1862, 32.6798, 28.7616

Protanopia

30.9712, 32.5987, 28.3267

Deuteranopia

33.0868, 32.4729, 28.9501



Tritanopia

32.4263, 32.6104, 39.7073

Trichromacy



Original Color

30.1862, 32.6798, 28.7616

Protanomaly

30.7339, 32.7224, 28.3631

Deuteranomaly

32.0369, 32.6454, 29.0388

Tritanomaly

31.6057, 32.5200, 35.6215

Monochromacy



Original Color

30.1862, 32.6798, 28.7616

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5842, 32.5494, 32.6877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1862, 32.6798, 28.7616 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(156, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(156, 156, 138)  
}
```

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(156, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 156, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.1862, 32.6798, 28.7616 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(156, 156, 138) }
```


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

```
.border{ border-color:rgb(156, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(156, 156,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1862, 32.6798, 28.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 156, 138) }
```

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

```
.background{ background-color: rgb(156,  
156, 138) }
```

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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