

Converting Colors

XYZ(30.3652, 30.8098, 24.3985)

Have a look what the booklet for
XYZ(30.3652, 30.8098, 24.3985)
contains.

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Color

**XYZ(30.2008, 30.6152,
24.3962)**

Conversions

Conversions Part 1

Format	Color
Hex	A7937F
RGB	167, 147, 127
RGB Percent	65%, 58%, 50%
CMY	0.3451, 0.4235, 0.5020
CMYK	0.00, 0.12, 0.24, 0.35
HSL	30°, 19%, 58%
HSV	30°, 24%, 65%
XYZ	30.2008, 30.6152, 24.3962
YIQ	150.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

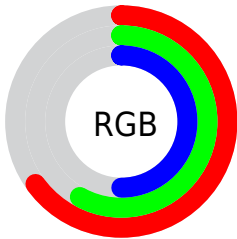
Format	Color
RYB	167, 167, 127
Decimal	10982271
CIELab	62.18, 4.20, 13.32
CIELCh	62, 13.968, 72.496
Yxy	30.6152, 0.3544, 0.3593
Android (android.graphics.Color)	4289172351 (0xFFA7937F)
YUV	150.7000, -11.6841, 14.2951
Hunter-Lab	55.3310, 0.5997, 12.5899

Details

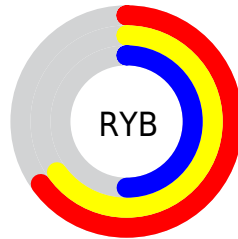
The XYZ color **30.2008, 30.6152, 24.3962** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1609, 28.1687, 40.6176**, and the grayscale version is **29.3307, 30.8582, 33.6045**.

A 20% lighter version of the original color is **59.5563, 60.7566, 51.7682**, and **12.7201, 12.7443, 8.9972** is the 20% darker color. If you saturate the color by 10%, you get **27.9501, 27.7135, 18.7141**, and if you desaturate by 10%, it is **32.7278, 33.7803, 31.0612**.

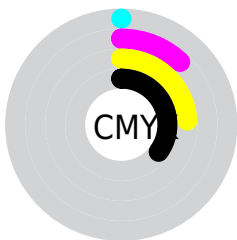
Distribution



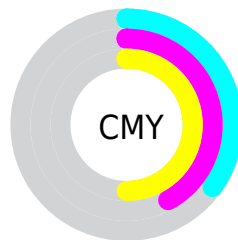
- Red (65%)
- Green (58%)
- Blue (50%)



- Red (65%)
- Yellow (65%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2008, 30.6152, 24.3962 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 30.2008, 30.6152, 24.3962 by changing the saturation by 10% instead.

■ 30.2008, 30.6152,
24.3962

■ 30.2008, 30.6152,
24.3962

294.7324,
304.7616, 288.1683

■ 20.1399, 20.3060,
15.4129

■ 59.3640, 60.6337,
51.6279

■ 12.6056, 12.6177,
8.9598

■ 79.1971, 81.1119,
70.7133

■ 7.2327, 7.1658,
4.6185

■ 103.0182,
105.7484, 94.0032

■ 3.6556, 3.5660,
1.9704

131.1927,
134.9278, 121.9161

■ 1.5092, 1.4339,
0.5370

164.0861,
169.0344, 154.8705

■ 0.3321, 0.2415,
0.0000

202.0635,

■ 0.0000, 0.0000,

208.4527, 193.2849

0.0000

245.4905,
253.5669, 237.5780

■ 30.2008, 30.6152,
24.3962

■ 30.2008, 30.6152,
24.3962

■ 27.9501, 27.7135,
18.7141

■ 32.7278, 33.7803,
31.0612

■ 25.9625, 25.0636,
13.9654

■ 35.5388, 37.2118,
38.7515

■ 24.2269, 22.6588,
10.0996

■ 38.6443, 40.9179,
47.5090

■ 22.7308, 20.4907,
7.0599

■ 42.0535, 44.9052,
57.3731

■ 21.4599, 18.5501,
4.7835

■ 45.7750, 49.1801,
68.3808

■ 20.3986, 16.8270,
3.1977

■ 49.8173, 53.7486,
80.5676

■ 19.5280, 15.3101,
2.2160

■ 54.1882, 58.6166,
93.9675

■ 19.0692, 14.4811,
1.7901

■ 57.9805, 63.4237,
103.7938

■ 60.1452, 67.7531,
104.5154

Harmonies

Analogous

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



31.8492, 30.6152, 26.8128



30.2008, 30.6152, 24.3962



28.3229, 30.6152, 24.2063

Triad

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



30.2008, 30.6152, 24.3962



25.7071, 30.6152, 35.6276



31.6123, 30.6152, 41.5743

Complementary

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



30.2008, 30.6152, 24.3962



26.1609, 28.1687, 40.6176

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.



29.8888, 30.6152, 44.5103



30.2008, 30.6152, 24.3962



26.5116, 30.6152, 40.8368

Square

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



30.2008, 30.6152, 24.3962



25.7826, 30.6152, 30.3139



28.0240, 30.6152, 44.2267



32.6879, 30.6152, 36.5498

Rectangle

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



30.2008, 30.6152, 24.3962



27.1978, 30.6152, 25.3360



28.0240, 30.6152, 44.2267



31.0864, 30.6152, 42.8614

Sweetspot

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



30.2016, 30.6166, 24.3968



61.9927, 64.6397, 64.8245



28.7924, 25.5011, 31.0087



13.8085, 14.3870, 14.3298



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.2016, 30.6166, 24.3968



51.7822, 51.8777, 37.8091



33.5860, 37.3854, 25.5250



7.8294, 8.1389, 7.9476



14.6410, 11.1792, 1.3861



0.4074, 0.3744, 0.0508

Inverse Universe

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



26.1609, 28.1687, 40.6176



43.2129, 46.6864, 72.2091



23.3171, 22.4812, 39.6697



7.4300, 7.8969, 9.5510



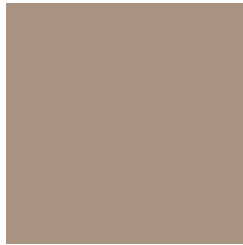
7.7820, 7.0241, 28.9211



0.2406, 0.2733, 0.7207

Previews

White Background



This preview shows how the XYZ color 30.2008, 30.6152, 24.3962 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 30.2008, 30.6152, 24.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

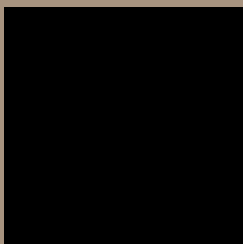
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

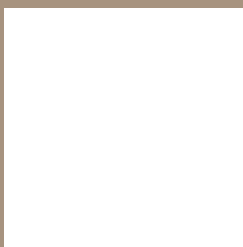
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2008, 30.6152, 24.3962

Background



This preview shows how black text looks on a background with the XYZ color 30.2008, 30.6152, 24.3962.



This preview shows how white text looks on a background with the XYZ color 30.2008, 30.6152,

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

30.2008, 30.6152, 24.3962

Protanopia

28.9032, 30.6403, 24.8129

Deuteranopia

31.1897, 30.6673, 24.3542



Tritanopia

32.2328, 30.5241, 34.7647

Trichromacy



Original Color

30.2008, 30.6152, 24.3962

Protanomaly

29.3417, 30.6305, 24.7879

Deuteranomaly

30.9042, 30.7480, 24.3848

Tritanomaly

31.3695, 30.3952, 30.5991

Monochromacy



Original Color

30.2008, 30.6152, 24.3962

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6935, 30.9338, 29.9970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2008, 30.6152, 24.3962 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(167, 147, 127)` looks like.

```
.text, #text, p{  
    color:rgb(167, 147, 127)  
}
```

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(167, 147, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 147, 127) }
```

Border

The CSS property to change the border of an element to XYZ 30.2008, 30.6152, 24.3962 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(167, 147, 127) }
```


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

```
.border{ border-color:rgb(167, 147, 127) }
```

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

Here you see how a box with a 4 pixel rgb(167, 147, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 147, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 147, 127);  
box-shadow:4px 4px 4px 4px rgb(167, 147,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2008, 30.6152, 24.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 147, 127) }
```

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

```
.background{ background-color: rgb(167,  
147, 127) }
```

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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