

Converting Colors

XYZ(30.5760, 30.9542, 30.7052)

Have a look what the booklet for
XYZ(30.5760, 30.9542, 30.7052)
contains.

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Color

**XYZ(30.5242, 30.8748,
30.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	A29490
RGB	162, 148, 144
RGB Percent	64%, 58%, 56%
CMY	0.3647, 0.4196, 0.4353
CMYK	0.00, 0.09, 0.11, 0.36
HSL	13°, 9%, 60%
HSV	13°, 11%, 64%
XYZ	30.5242, 30.8748, 30.7362
YIQ	151.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

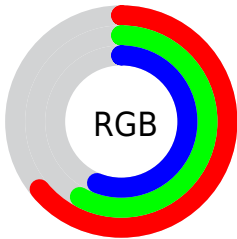
Format	Color
R_{YB}	162, 149, 144
Decimal	10654864
CIE Lab	62.40, 4.47, 3.98
CIE LCh	62, 5.980, 41.696
Yxy	30.8748, 0.3313, 0.3351
Android (android.graphics.Color)	4288844944 (0xFFA29490)
YUV	151.7300, -3.8109, 9.0068
Hunter-Lab	55.5651, 0.8185, 6.0989

Details

The XYZ color **30.5242, 30.8748, 30.7362** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2499, 32.9909, 38.9562**, and the grayscale version is **29.7423, 31.2913, 34.0762**.

A 20% lighter version of the original color is **59.9288, 61.0700, 62.0552**, and **12.7255, 12.6725, 12.3650** is the 20% darker color. If you saturate the color by 10%, you get **27.5044, 26.6764, 24.0529**, and if you desaturate by 10%, it is **33.9385, 35.5772, 38.4284**.

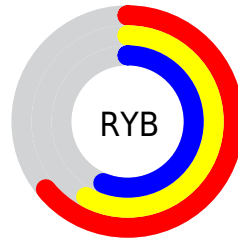
Distribution



Red (64%)

Green (58%)

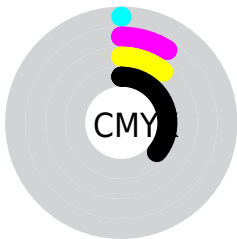
Blue (56%)



Red (64%)

Yellow (58%)

Blue (56%)

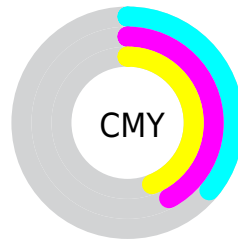


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5242, 30.8748, 30.7362 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 30.5242, 30.8748, 30.7362 by changing the saturation by 10% instead.

■ 30.5242, 30.8748,
30.7362

■ 30.5242, 30.8748,
30.7362

296.2065,
305.9611, 319.6346

■ 20.3869, 20.5035,
20.1413

■ 59.8711, 61.0429,
61.8992

■ 12.7865, 12.7616,
12.3127

■ 79.8115, 81.6085,
83.3044

■ 7.3576, 7.2646,
6.8319

103.7501,
106.3411, 109.1500

■ 3.7351, 3.6281,
3.2803

132.0525,
135.6249, 139.8547

■ 1.5534, 1.4678,
1.2395

165.0840,
169.8444, 175.8370

■ 0.3617, 0.2659,
0.0114

203.2099,

■ 0.0000, 0.0000,

209.3840, 217.5154

0.0000

246.7956,
254.6281, 265.3084

■ 30.5242, 30.8748,
30.7362

■ 30.5242, 30.8748,
30.7362

■ 27.5044, 26.6764,
24.0529

■ 33.9385, 35.5772,
38.4284

■ 24.8622, 22.9611,
18.3346

■ 37.7583, 40.7953,
47.1669

■ 22.5831, 19.7127,
13.5370

■ 41.9975, 46.5458,
56.9899

■ 20.6507, 16.9124,
9.6115

■ 46.6685, 52.8432,
67.9328

■ 19.0475, 14.5401,
6.5054

■ 51.7831, 59.7015,
80.0294

■ 17.7541, 12.5743,
4.1597

■ 57.3527, 67.1343,
93.3123

■ 16.7491, 10.9915,
2.5077

■ 62.9991, 74.9989,
105.7636

■ 16.0080, 9.7654,
1.4711

■ 66.7588, 82.5182,
107.0168

■ 15.5321, 8.9449,
0.9079

■ 68.7104, 86.4214,
107.6673

Harmonies

Analogous

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



30.8976, 30.8748, 32.7211



30.5242, 30.8748, 30.7362



29.8375, 30.8748, 29.5571

Triad

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



30.5242, 30.8748, 30.7362



27.8913, 30.8748, 32.2356



29.6625, 30.8748, 38.1782

Complementary

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



30.5242, 30.8748, 30.7362



30.2499, 32.9909, 38.9562

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.



28.8590, 30.8748, 38.0335



30.5242, 30.8748, 30.7362



27.8464, 30.8748, 34.5300

Square

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



30.5242, 30.8748, 30.7362



28.3215, 30.8748, 30.3949



28.1977, 30.8748, 36.6733



30.3940, 30.8748, 37.0600

Rectangle

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



30.5242, 30.8748, 30.7362



29.2995, 30.8748, 29.3522



28.1977, 30.8748, 36.6733



29.3917, 30.8748, 38.2770

Sweetspot

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



30.5251, 30.8762, 30.7369



60.3496, 62.8539, 66.8992



31.0540, 30.1004, 36.5664



13.4415, 13.9617, 14.7700



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.



30.5251, 30.8762, 30.7369



54.1852, 54.3487, 53.0564



31.9747, 33.7754, 31.2201



7.1956, 7.3296, 7.4156



12.2641, 7.1022, 0.7245



0.2897, 0.2133, 0.0259

Inverse Universe

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



30.2499, 32.9909, 38.9562



53.5977, 58.8600, 70.5923



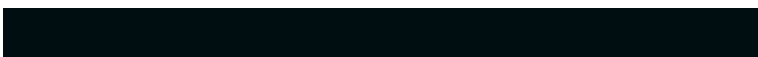
28.7868, 30.0649, 38.4685



7.1419, 7.7428, 9.0212



11.0458, 13.8710, 29.0250



0.2634, 0.3540, 0.6203

Previews

White Background



This preview shows how the XYZ color 30.5242, 30.8748, 30.7362 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 30.5242, 30.8748, 30.7362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

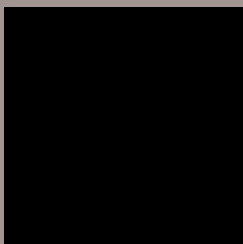
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

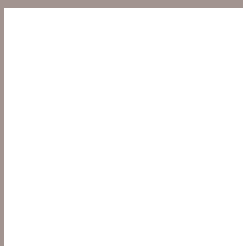
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5242, 30.8748, 30.7362

Background



This preview shows how black text looks on a background with the XYZ color 30.5242, 30.8748, 30.7362.



This preview shows how white text looks on a background with the XYZ color 30.5242, 30.8748,

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

30.5242, 30.8748, 30.7362

Protanopia

29.5347, 30.8256, 31.1813

Deuteranopia

31.4614, 30.8962, 30.6909



Tritanopia

31.6745, 30.8846, 36.1902

Trichromacy



Original Color

30.5242, 30.8748, 30.7362

Protanomaly

29.9588, 30.8083, 31.1557

Deuteranomaly

31.1936, 30.9880, 30.7228

Tritanomaly

31.2055, 30.9210, 34.0294

Monochromacy



Original Color

30.5242, 30.8748, 30.7362

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2017, 31.3711, 32.8972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5242, 30.8748, 30.7362 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(162, 148, 144)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 144)  
}
```

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(162, 148, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.5242, 30.8748, 30.7362 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(162, 148, 144) }
```


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

```
.border{ border-color:rgb(162, 148, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 148, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5242, 30.8748, 30.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 148, 144) }
```

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

```
.background{ background-color: rgb(162,  
148, 144) }
```

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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