

Converting Colors

XYZ(29.2907, 30.3572, 24.6498)

Have a look what the booklet for
XYZ(29.2907, 30.3572, 24.6498)
contains.

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Color

**XYZ(29.3865, 30.4197,
24.7448)**

Conversions

Conversions Part 1

Format	Color
Hex	A29480
RGB	162, 148, 128
RGB Percent	64%, 58%, 50%
CMY	0.3647, 0.4196, 0.4980
CMYK	0.00, 0.09, 0.21, 0.36
HSL	35°, 15%, 57%
HSV	35°, 21%, 64%
XYZ	29.3865, 30.4197, 24.7448
YIQ	149.9060, 14.7640, -3.2520

Conversions

Conversions Part 2

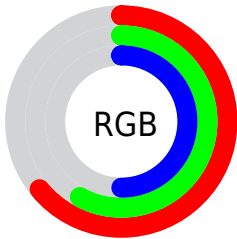
Format	Color
RYB	152, 162, 128
Decimal	10654848
CIELab	62.01, 1.83, 12.46
CIELCh	62, 12.591, 81.663
Yxy	30.4197, 0.3476, 0.3598
Android (android.graphics.Color)	4288844928 (0xFFA29480)
YUV	149.9060, -10.7997, 10.6064
Hunter-Lab	55.1541, -1.4134, 12.0075

Details

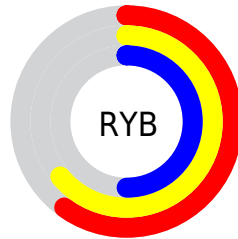
The XYZ color **29.3865, 30.4197, 24.7448** is a light color, and the websafe version is hex **999999**. A complement of this color would be **25.0966, 26.5432, 37.9833**, and the grayscale version is **28.9902, 30.4999, 33.2144**.

A 20% lighter version of the original color is **58.0763, 60.3290, 52.2998**, and **12.1164, 12.4289, 9.1576** is the 20% darker color. If you saturate the color by 10%, you get **27.3883, 27.9956, 19.2314**, and if you desaturate by 10%, it is **31.6169, 33.0352, 31.1763**.

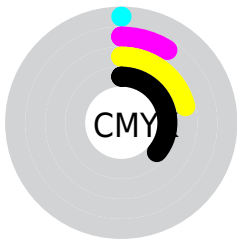
Distribution



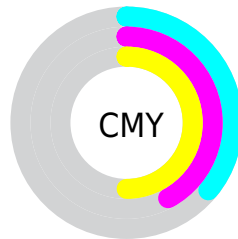
- Red (64%)
- Green (58%)
- Blue (50%)



- Red (60%)
- Yellow (64%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3865, 30.4197, 24.7448 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 29.3865, 30.4197, 24.7448 by changing the saturation by 10% instead.

■ 29.3865, 30.4197,
24.7448

■ 29.3865, 30.4197,
24.7448

290.9956,
303.8559, 289.9715

■ 19.5191, 20.1574,
15.6697

■ 58.0839, 60.3253,
52.2019

■ 12.1522, 12.5095,
9.1389

■ 77.6447, 80.7373,
71.4210

■ 6.9204, 7.0917,
4.7339

■ 101.1673,
105.3014, 94.8585

■ 3.4582, 3.5195,
2.0360

129.0171,
134.4019, 122.9330

■ 1.4005, 1.4086,
0.5773

161.5595,
168.4232, 156.0630

■ 0.2566, 0.2230,
0.0000

199.1598,

■ 0.0000, 0.0000,

207.7497, 194.6671

0.0000

242.1834,
252.7658, 239.1637

■ 29.3865, 30.4197,
24.7448

■ 29.3865, 30.4197,
24.7448

■ 27.3883, 27.9956,
19.2314

■ 31.6169, 33.0352,
31.1763

■ 25.6108, 25.7535,
14.5913

■ 34.0855, 35.8431,
38.5639

■ 24.0451, 23.6893,
10.7791

■ 36.8012, 38.8493,
46.9460

■ 22.6805, 21.7971,
7.7440

■ 39.7717, 42.0585,
56.3579

■ 21.5054, 20.0705,
5.4299

■ 43.0042, 45.4750,
66.8335

■ 20.5066, 18.5023,
3.7731

■ 46.5057, 49.1030,
78.4051

■ 19.6687, 17.0845,
2.6982

■ 50.2828, 52.9467,
91.1035

■ 19.0206, 15.9218,
2.0707

■ 53.9203, 56.8412,
102.7373

■ 55.5126, 60.0257,
103.2680

Harmonies

Analogous

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



30.9747, 30.4197, 26.3486



29.3865, 30.4197, 24.7448



27.7306, 30.4197, 25.2076

Triad

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



29.3865, 30.4197, 24.7448



25.9984, 30.4197, 36.6755



31.5361, 30.4197, 39.2330

Complementary

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



29.3865, 30.4197, 24.7448



25.0966, 26.5432, 37.9833

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.



30.1286, 30.4197, 42.5403



29.3865, 30.4197, 24.7448



26.9449, 30.4197, 40.9665

Square

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



29.3865, 30.4197, 24.7448



25.8171, 30.4197, 31.7914



28.4446, 30.4197, 43.2037



32.2470, 30.4197, 34.4890

Rectangle

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



29.3865, 30.4197, 24.7448



26.8073, 30.4197, 26.6477



28.4446, 30.4197, 43.2037



31.1262, 30.4197, 40.5680

Sweetspot

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



29.3873, 30.4211, 24.7454



59.5268, 62.4125, 62.9124



27.5148, 25.0781, 29.0476



13.3082, 13.9478, 13.9469



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.



29.3873, 30.4211, 24.7454



51.6706, 53.2087, 40.2286



31.1481, 34.7875, 25.4954



7.4038, 7.7459, 7.4850



15.0279, 12.6298, 1.6457



0.3607, 0.3552, 0.0496

Inverse Universe

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



25.0966, 26.5432, 37.9833



42.5120, 44.9328, 68.4884



23.5754, 22.8594, 37.3524



6.9288, 7.3165, 8.9501



6.7452, 5.2697, 27.5914



0.1877, 0.2027, 0.5951

Previews

White Background



This preview shows how the XYZ color 29.3865, 30.4197, 24.7448 looks on a white background.

Color Contrast Check

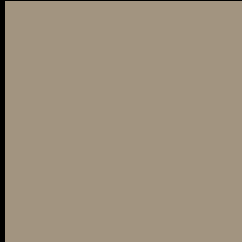
Large Text (above 18pt) WCAG AA × Fail

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 29.3865, 30.4197, 24.7448 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 29.3865, 30.4197, 24.7448

Background



This preview shows how black text looks on a background with the XYZ color 29.3865, 30.4197, 24.7448.



This preview shows how white text looks on a background with the XYZ color 29.3865, 30.4197,

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

29.3865, 30.4197, 24.7448

Protanopia

28.7734, 30.5658, 25.1521

Deuteranopia

30.9490, 30.3022, 24.9866



Tritanopia

31.4067, 30.3124, 35.2059

Trichromacy



Original Color

29.3865, 30.4197, 24.7448

Protanomaly

29.0080, 30.4508, 25.1176

Deuteranomaly

30.2363, 30.1606, 24.9968

Tritanomaly

30.5461, 30.1876, 31.0049

Monochromacy



Original Color

29.3865, 30.4197, 24.7448

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.9564, 30.3179, 29.9170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3865, 30.4197, 24.7448 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.3865, 30.4197, 24.7448 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, 128) }
```


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

```
.border{ border-color:rgb(162, 148, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3865, 30.4197, 24.7448 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, 128) }
```

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

```
.background{ background-color: rgb(162,  
148, 128) }
```

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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