

Converting Colors

XYZ(29.8488, 30.6525, 24.1992)

Have a look what the booklet for
XYZ(29.8488, 30.6525, 24.1992)
contains.

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Color

**XYZ(29.8729, 30.6855,
24.0871)**

Conversions

Conversions Part 1

Format	Color
Hex	A5947E
RGB	165, 148, 126
RGB Percent	65%, 58%, 49%
CMY	0.3529, 0.4196, 0.5059
CMYK	0.00, 0.10, 0.24, 0.35
HSL	34°, 18%, 57%
HSV	34°, 24%, 65%
XYZ	29.8729, 30.6855, 24.0871
YIQ	150.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

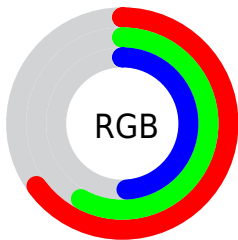
Format	Color
RYB	156, 165, 126
Decimal	10851454
CIELab	62.24, 2.70, 13.94
CIELCh	62, 14.200, 79.021
Yxy	30.6855, 0.3529, 0.3625
Android (android.graphics.Color)	4289041534 (0xFFA5947E)
YUV	150.5750, -12.1155, 12.6507
Hunter-Lab	55.3945, -0.6797, 12.9952

Details

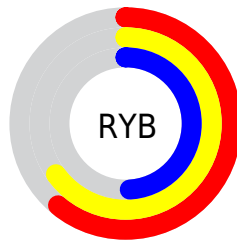
The XYZ color **29.8729, 30.6855, 24.0871** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2181, 26.7966, 39.4408**, and the grayscale version is **29.2795, 30.8043, 33.5459**.

A 20% lighter version of the original color is **58.7724, 60.7114, 51.2687**, and **12.4243, 12.5959, 8.7976** is the 20% darker color. If you saturate the color by 10%, you get **27.8019, 28.1090, 18.5701**, and if you desaturate by 10%, it is **32.1912, 33.4752, 30.5537**.

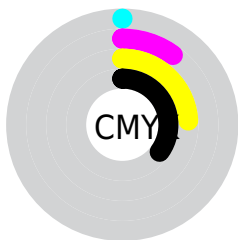
Distribution



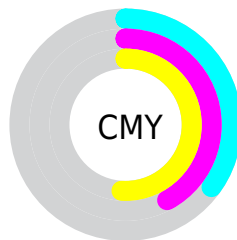
- Red (65%)
- Green (58%)
- Blue (49%)



- Red (61%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8729, 30.6855, 24.0871 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 29.8729, 30.6855, 24.0871 by changing the saturation by 10% instead.

■ 29.8729, 30.6855,
24.0871

■ 29.8729, 30.6855,
24.0871

293.2320,
305.0868, 286.5613

■ 19.8897, 20.3595,
15.1854

■ 58.8491, 60.7446,
51.1179

■ 12.4227, 12.6566,
8.8016

■ 78.5729, 81.2464,
70.0841

■ 7.1065, 7.1925,
4.5169

■ 102.2742,
105.9090, 93.2423

■ 3.5757, 3.5828,
1.9130

130.3185,
135.1167, 121.0110

■ 1.4650, 1.4430,
0.5010

163.0711,
169.2540, 153.8087

■ 0.3018, 0.2481,
0.0000

200.8973,

■ 0.0000, 0.0000,

208.7051, 192.0539

0.0000

244.1625,
253.8546, 236.1653

■ 29.8729, 30.6855,
24.0871

■ 29.8729, 30.6855,
24.0871

■ 27.8019, 28.1090,
18.5701

■ 32.1912, 33.4752,
30.5537

■ 25.9660, 25.7357,
13.9551

■ 34.7638, 36.4796,
38.0105

■ 24.3553, 23.5604,
10.1931

■ 37.6000, 39.7054,
46.4983

■ 22.9583, 21.5765,
7.2298

■ 40.7082, 43.1580,
56.0548

■ 21.7621, 19.7767,
5.0043

■ 44.0962, 46.8422,
66.7159

■ 20.7522, 18.1528,
3.4470

■ 47.7716, 50.7628,
78.5157

■ 19.9113, 16.6956,
2.4748

■ 51.7416, 54.9246,
91.4870

■ 19.4395, 15.8440,
2.0336

■ 55.5260, 59.1370,
103.0958

■ 57.2918, 62.6687,
103.6844

Harmonies

Analogous

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



31.6489, 30.6855, 26.0622



29.8729, 30.6855, 24.0871



27.9814, 30.6855, 24.3963

Triad

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



29.8729, 30.6855, 24.0871



25.8196, 30.6855, 36.9693



32.0362, 30.6855, 40.8189

Complementary

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



29.8729, 30.6855, 24.0871



25.2181, 26.7966, 39.4408

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.



30.3829, 30.6855, 44.4115



29.8729, 30.6855, 24.0871



26.8158, 30.6855, 42.0263

Square

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



29.8729, 30.6855, 24.0871



25.6965, 30.6855, 31.4419



28.4696, 30.6855, 44.8761



32.9338, 30.6855, 35.4612

Rectangle

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



29.8729, 30.6855, 24.0871



26.9071, 30.6855, 25.8663



28.4696, 30.6855, 44.8761



31.5472, 30.6855, 42.2969

Sweetspot

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



29.8737, 30.6869, 24.0877



60.5971, 63.4081, 63.2035



27.9780, 24.9214, 29.5417



13.1920, 13.7974, 13.6553



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.



29.8737, 30.6869, 24.0877



51.6377, 52.6595, 38.1125



32.3359, 36.2088, 25.0238



7.3897, 7.7179, 7.4803



14.7564, 12.0868, 1.5552



0.3560, 0.3458, 0.0480

Inverse Universe

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



25.2181, 26.7966, 39.4408



41.9268, 44.5464, 70.1409



23.1474, 22.2241, 38.6673



6.9425, 7.3441, 8.9547



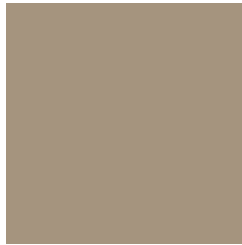
6.9346, 5.6486, 27.6546



0.1924, 0.2121, 0.5966

Previews

White Background



This preview shows how the XYZ color 29.8729, 30.6855, 24.0871 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 29.8729, 30.6855, 24.0871 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 29.8729, 30.6855, 24.0871

Background



This preview shows how black text looks on a background with the XYZ color 29.8729, 30.6855, 24.0871.



This preview shows how white text looks on a background with the XYZ color 29.8729, 30.6855,

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

29.8729, 30.6855, 24.0871

Protanopia

29.0352, 30.7159, 24.4771

Deuteranopia

31.1897, 30.6673, 24.3542



Tritanopia

32.2518, 30.7481, 35.2455

Trichromacy



Original Color

29.8729, 30.6855, 24.0871

Protanomaly

29.2762, 30.6043, 24.4429

Deuteranomaly

30.6872, 30.6361, 24.3746

Tritanomaly

31.3079, 30.5892, 30.6398

Monochromacy



Original Color

29.8729, 30.6855, 24.0871

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.4991, 30.8336, 29.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8729, 30.6855, 24.0871 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(165, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 126)  
}
```

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(165, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 126) }
```

Border

The CSS property to change the border of an element to XYZ 29.8729, 30.6855, 24.0871 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(165, 148, 126) }
```


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

```
.border{ border-color:rgb(165, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8729, 30.6855, 24.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 126) }
```

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

```
.background{ background-color: rgb(165,  
148, 126) }
```

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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