

Converting Colors

XYZ(30.0733, 30.0866, 24.6650)

Have a look what the booklet for
XYZ(30.0733, 30.0866, 24.6650)
contains.

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Color

**XYZ(30.1701, 30.1341,
24.6484)**

Conversions

Conversions Part 1

Format	Color
Hex	A89180
RGB	168, 145, 128
RGB Percent	66%, 57%, 50%
CMY	0.3412, 0.4314, 0.4980
CMYK	0.00, 0.14, 0.24, 0.34
HSL	26°, 19%, 58%
HSV	26°, 24%, 66%
XYZ	30.1701, 30.1341, 24.6484
YIQ	149.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

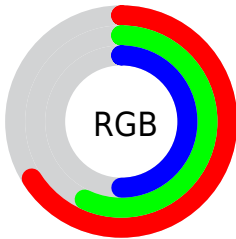
Format	Color
RYB	168, 158, 128
Decimal	11047296
CIELab	61.77, 5.86, 12.19
CIELCh	62, 13.529, 64.333
Yxy	30.1341, 0.3551, 0.3547
Android (android.graphics.Color)	4289237376 (0xFFA89180)
YUV	149.9390, -10.8159, 15.8395
Hunter-Lab	54.8945, 2.0384, 11.8042

Details

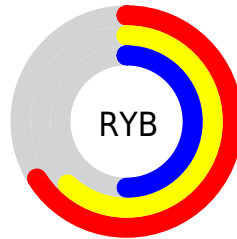
The XYZ color **30.1701, 30.1341, 24.6484** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.0363, 29.5488, 41.3244**, and the grayscale version is **29.0029, 30.5133, 33.2290**.

A 20% lighter version of the original color is **59.5044, 60.0303, 52.1669**, and **12.5737, 12.3938, 9.1267** is the 20% darker color. If you saturate the color by 10%, you get **27.7411, 26.9015, 18.8275**, and if you desaturate by 10%, it is **32.9093, 33.6937, 31.4768**.

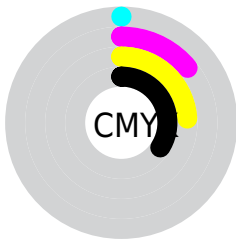
Distribution



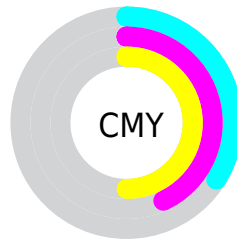
- Red (66%)
- Green (57%)
- Blue (50%)



- Red (66%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (34%)





- Cyan (34%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1701, 30.1341, 24.6484 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 30.1701, 30.1341, 24.6484 by changing the saturation by 10% instead.


 30.1701, 30.1341,
24.6484


 30.1701, 30.1341,
24.6484


294.5921,
302.5290, 289.4738


 20.1164, 19.9404,
15.5987


 59.3159, 59.8742,
52.0433

 12.5885, 12.3517,
9.0893


 79.1387, 80.1894,
71.2255

 7.2208, 6.9837,
4.7019


 102.9486,
104.6471, 94.6223

 3.6481, 3.4519,
2.0178

131.1110,
133.6319, 122.6522

 1.5051, 1.3720,
0.5662

163.9912,
167.5281, 155.7338

 0.3293, 0.1959,
0.0000

201.9545,

 0.0000, 0.0000,

206.7201, 194.2855

0.0000

245.3664,
251.5923, 238.7260

■ 30.1701, 30.1341,
24.6484

■ 30.1701, 30.1341,
24.6484

■ 27.7411, 26.9015,
18.8275

■ 32.9093, 33.6937,
31.4768

■ 25.6078, 23.9820,
13.9636

■ 35.9677, 37.5854,
39.3559

■ 23.7580, 21.3665,
10.0049

■ 39.3569, 41.8197,
48.3287

■ 22.1777, 19.0441,
6.8938

■ 43.0871, 46.4051,
58.4353

■ 20.8512, 17.0028,
4.5659

■ 47.1681, 51.3499,
69.7137

■ 19.7611, 15.2298,
2.9473

■ 51.6091, 56.6619,
82.2001

■ 18.8870, 13.7107,
1.9497

■ 56.4193, 62.3490,
95.9293

■ 18.4282, 12.8842,
1.5156

■ 60.3924, 67.9326,
104.5370

■ 63.0359, 73.2196,
105.4182

Harmonies

Analogous

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



31.6018, 30.1341, 27.5220



30.1701, 30.1341, 24.6484



28.3804, 30.1341, 23.8703

Triad

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



30.1701, 30.1341, 24.6484



25.3208, 30.1341, 33.5670



30.6424, 30.1341, 41.7149

Complementary

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



30.1701, 30.1341, 24.6484



27.0363, 29.5488, 41.3244

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.



28.9044, 30.1341, 43.7444



30.1701, 30.1341, 24.6484



25.8722, 30.1341, 38.7374

Square

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



30.1701, 30.1341, 24.6484



25.6281, 30.1341, 28.6942



27.1655, 30.1341, 42.6017



31.8824, 30.1341, 37.3037

Rectangle

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



30.1701, 30.1341, 24.6484



27.2363, 30.1341, 24.5677



27.1655, 30.1341, 42.6017



30.0944, 30.1341, 42.7182

Sweetspot

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



30.1709, 30.1355, 24.6490



63.3606, 65.7917, 66.4543



29.4809, 26.0087, 32.8869



13.7416, 14.2530, 14.3075



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.



30.1709, 30.1355, 24.6490



52.1587, 51.2555, 38.4650



33.4400, 36.6737, 25.7387



7.7835, 8.0470, 7.9323



13.9650, 9.8272, 1.1608



0.3908, 0.3412, 0.0453

Inverse Universe

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



27.0363, 29.5488, 41.3244



45.3867, 49.9848, 74.4810



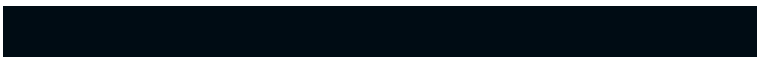
24.1315, 23.7390, 40.3562



7.4764, 7.9897, 9.5665



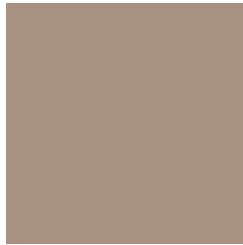
8.5883, 8.6367, 29.1899



0.2581, 0.3083, 0.7266

Previews

White Background



This preview shows how the XYZ color 30.1701, 30.1341, 24.6484 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 30.1701, 30.1341, 24.6484 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

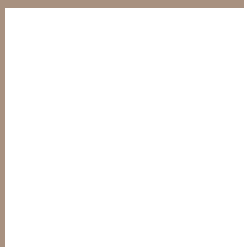
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1701, 30.1341, 24.6484

Background



This preview shows how black text looks on a background with the XYZ color 30.1701, 30.1341, 24.6484.



This preview shows how white text looks on a background with the XYZ color 30.1701, 30.1341,

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

30.1701, 30.1341, 24.6484

Protanopia

28.4870, 30.1745, 25.4419

Deuteranopia

30.6641, 30.1630, 24.6279



Tritanopia

31.9870, 29.9747, 33.8056

Trichromacy



Original Color

30.1701, 30.1341, 24.6484

Protanomaly

29.0496, 30.2384, 25.0744

Deuteranomaly

30.4471, 30.0511, 24.6178

Tritanomaly

31.2085, 29.8752, 30.1082

Monochromacy



Original Color

30.1701, 30.1341, 24.6484

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.3770, 30.3009, 29.8915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1701, 30.1341, 24.6484 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(168, 145, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 145, 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(168, 145, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 145, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.1701, 30.1341, 24.6484 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(168, 145, 128) }
```


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

```
.border{ border-color:rgb(168, 145, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 145, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 145, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 145, 128);  
box-shadow:4px 4px 4px 4px rgb(168, 145,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1701, 30.1341, 24.6484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 145, 128) }
```

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

```
.background{ background-color: rgb(168,  
145, 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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