

Converting Colors

XYZ(31.2553, 30.6935, 24.6992)

Have a look what the booklet for
XYZ(31.2553, 30.6935, 24.6992)
contains.

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Color

**XYZ(31.2553, 30.6935,
24.6992)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9180
RGB	173, 145, 128
RGB Percent	68%, 57%, 50%
CMY	0.3216, 0.4314, 0.4980
CMYK	0.00, 0.16, 0.26, 0.32
HSL	23°, 22%, 59%
HSV	23°, 26%, 68%
XYZ	31.2553, 30.6935, 24.6992
YIQ	151.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

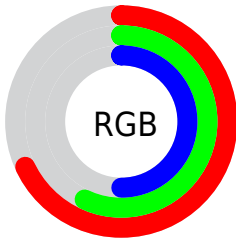
Format	Color
R_{YB}	173, 155, 128
Decimal	11374976
CIE _{Lab}	62.25, 7.84, 12.94
CIE _{LCh}	62, 15.126, 58.780
Yxy	30.6935, 0.3607, 0.3542
Android (android.graphics.Color)	4289565056 (0xFFAD9180)
YUV	151.4340, -11.5530, 18.9134
Hunter-Lab	55.4017, 3.7491, 12.3485

Details

The XYZ color **31.2553, 30.6935, 24.6992** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.3333, 31.3826, 44.0996**, and the grayscale version is **29.6434, 31.1872, 33.9629**.

A 20% lighter version of the original color is **61.0770, 60.8411, 52.2405**, and **13.2492, 12.7420, 9.1583** is the 20% darker color. If you saturate the color by 10%, you get **28.6450, 27.1423, 18.6820**, and if you desaturate by 10%, it is **34.2173, 34.6369, 31.7922**.

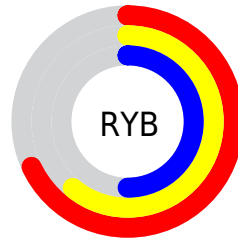
Distribution



Red (68%)

Green (57%)

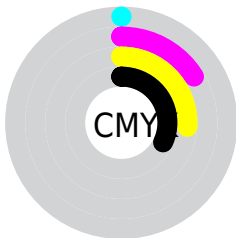
Blue (50%)



Red (68%)

Yellow (61%)

Blue (50%)

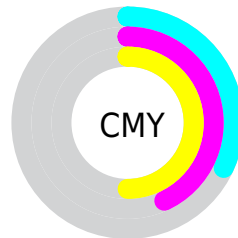


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (32%)



Cyan (32%)


Magenta (43%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.2553, 30.6935, 24.6992 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 31.2553, 30.6935, 24.6992 by changing the saturation by 10% instead.


 31.2553, 30.6935,
24.6992


 31.2553, 30.6935,
24.6992


299.5187,
305.1238, 289.7362


 20.9461, 20.3656,
15.6361


 61.0149, 60.7572,
52.1269

 13.1969, 12.6611,
9.1155


 81.1960, 81.2617,
71.3285

 7.6422, 7.1956,
4.7187


 105.3985,
105.9273, 94.7468

 3.9167, 3.5847,
2.0274

133.9877,
135.1382, 122.8002

 1.6551, 1.4441,
0.5720

167.3290,
169.2790, 155.9073

 0.4279, 0.2489,
0.0000

205.7876,

 0.0000, 0.0000,

208.7339, 194.4867

0.0000

249.7291,
253.8873, 238.9568

■ 31.2553, 30.6935,
24.6992

■ 31.2553, 30.6935,
24.6992

■ 28.6450, 27.1423,
18.6820

■ 34.2173, 34.6369,
31.7922

■ 26.3697, 23.9664,
13.6855

■ 37.5418, 38.9802,
40.0086

■ 24.4150, 21.1541,
9.6522

■ 41.2422, 43.7361,
49.3956

■ 22.7645, 18.6911,
6.5186

■ 45.3303, 48.9157,
59.9970

■ 21.3999, 16.5622,
4.2129

■ 49.8177, 54.5294,
71.8542

■ 20.3005, 14.7508,
2.6524

■ 54.7150, 60.5872,
85.0070

■ 19.4405, 13.2375,
1.7286

■ 60.0329, 67.0991,
99.4931

■ 19.1452, 12.7073,
1.4437

■ 63.8906, 73.3180,
105.3921

■ 66.9983, 79.5335,
106.4281

Harmonies

Analogous

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



32.7504, 30.6935, 28.2949



31.2553, 30.6935, 24.6992



29.2569, 30.6935, 23.3943

Triad

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



31.2553, 30.6935, 24.6992



25.4225, 30.6935, 33.1813



31.1041, 30.6935, 44.2722

Complementary

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



31.2553, 30.6935, 24.6992



28.3333, 31.3826, 44.0996

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.



29.0898, 30.6935, 45.9651



31.2553, 30.6935, 24.6992



25.8666, 30.6935, 39.1294

Square

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



31.2553, 30.6935, 24.6992



25.9437, 30.6935, 27.9257



27.1858, 30.6935, 43.9842



32.6602, 30.6935, 39.5915

Rectangle

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



31.2553, 30.6935, 24.6992



27.9278, 30.6935, 23.8673



27.1858, 30.6935, 43.9842



30.4552, 30.6935, 45.2320

Sweetspot

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



31.2561, 30.6949, 24.6998



65.9121, 68.0942, 68.3478



30.9963, 26.7403, 35.2030



14.1295, 14.5450, 14.3695



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.2561, 30.6949, 24.6998



53.3156, 51.3691, 38.0434



34.9489, 38.0806, 25.9308



8.2440, 8.4927, 8.4181



14.1162, 9.4380, 1.0777



0.4463, 0.3698, 0.0479

Inverse Universe

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



28.3333, 31.3826, 44.0996



47.2155, 52.7969, 78.5081



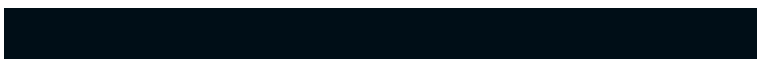
24.9704, 24.6570, 42.9787



7.9782, 8.5558, 10.1836



9.5088, 10.1515, 30.5028



0.3150, 0.3833, 0.8654

Previews

White Background



This preview shows how the XYZ color 31.2553, 30.6935, 24.6992 looks on a white background.

Color Contrast Check

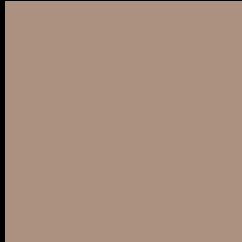
Large Text (above 18pt) WCAG AA × Fail

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 31.2553, 30.6935, 24.6992 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 31.2553, 30.6935, 24.6992

Background



This preview shows how black text looks on a background with the XYZ color 31.2553, 30.6935, 24.6992.



This preview shows how white text looks on a background with the XYZ color 31.2553, 30.6935,

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

31.2553, 30.6935, 24.6992

Protanopia

29.1036, 30.7205, 25.8684

Deuteranopia

31.2553, 30.6935, 24.6992



Tritanopia

33.0969, 30.5469, 33.8575

Trichromacy



Original Color

31.2553, 30.6935, 24.6992

Protanomaly

29.7234, 30.5780, 25.4547

Deuteranomaly

31.2553, 30.6935, 24.6992

Tritanomaly

32.3101, 30.4431, 30.1598

Monochromacy



Original Color

31.2553, 30.6935, 24.6992

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.0034, 30.8490, 30.3597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2553, 30.6935, 24.6992 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(173, 145, 128)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 145, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 145, 128) }
```

Border

The CSS property to change the border of an element to XYZ 31.2553, 30.6935, 24.6992 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(173, 145, 128) }
```


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

```
.border{ border-color:rgb(173, 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(173, 145, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 145, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 145, 128);  
box-shadow:4px 4px 4px 4px rgb(173, 145,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2553, 30.6935, 24.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 145, 128) }
```

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

```
.background{ background-color: rgb(173,  
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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