

Converting Colors

XYZ(30.1365, 31.6487, 29.7197)

Have a look what the booklet for
XYZ(30.1365, 31.6487, 29.7197)
contains.

XYZ(30.1365, 31.6487, 29.7197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.1365, 31.6487,
29.7197)**

Conversions

Conversions Part 1

Format	Color
Hex	9E988D
RGB	158, 152, 141
RGB Percent	62%, 60%, 55%
CMY	0.3804, 0.4039, 0.4471
CMYK	0.00, 0.04, 0.11, 0.38
HSL	39°, 8%, 59%
HSV	39°, 11%, 62%
XYZ	30.1365, 31.6487, 29.7197
YIQ	152.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

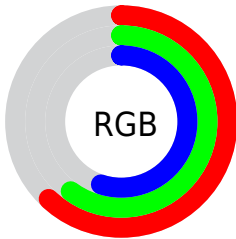
Format	Color
RYB	150, 158, 141
Decimal	10393741
CIELab	63.05, 0.21, 6.56
CIELCh	63, 6.564, 88.176
Yxy	31.6487, 0.3293, 0.3459
Android (android.graphics.Color)	4288583821 (0xFF9E988D)
YUV	152.5400, -5.6892, 4.7884
Hunter-Lab	56.2572, -2.8291, 8.0581

Details

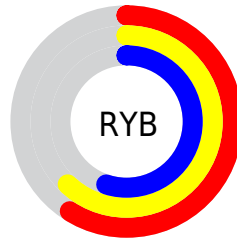
The XYZ color **30.1365, 31.6487, 29.7197** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5896, 28.9981, 36.4911**, and the grayscale version is **30.1010, 31.6686, 34.4871**.

A 20% lighter version of the original color is **59.3622, 62.2289, 60.5124**, and **12.6054, 13.1885, 11.7788** is the 20% darker color. If you saturate the color by 10%, you get **28.1606, 29.4458, 23.6688**, and if you desaturate by 10%, it is **32.3244, 34.0065, 36.6696**.

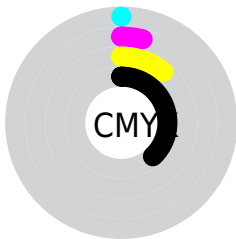
Distribution



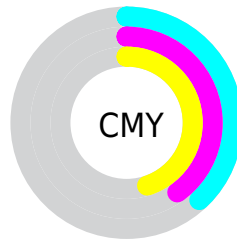
- Red (62%)
- Green (60%)
- Blue (55%)



- Red (59%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1365, 31.6487, 29.7197 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 30.1365, 31.6487, 29.7197 by changing the saturation by 10% instead.

■ 30.1365, 31.6487,
29.7197

■ 30.1365, 31.6487,
29.7197

294.4386,
309.5158, 314.7623

■ 20.0908, 21.0933,
19.3757

■ 59.2631, 62.2600,
60.2744

■ 12.5697, 13.1922,
11.7625

■ 79.0748, 83.0846,
81.3221

■ 7.2079, 7.5610,
6.4616

■ 102.8724,
108.1012, 106.7748

■ 3.6399, 3.8154,
3.0544

131.0215,
137.6940, 137.0511

■ 1.5005, 1.5708,
1.1225

163.8873,
172.2474, 172.5694

■ 0.3262, 0.3378,
0.0000

201.8351,

■ 0.0000, 0.0000,

212.1460, 213.7484

0.0000

245.2305,
257.7740, 261.0065

■ 30.1365, 31.6487,
29.7197

■ 30.1365, 31.6487,
29.7197

■ 28.1606, 29.4458,
23.6688

■ 32.3244, 34.0065,
36.6696

■ 26.3865, 27.3897,
18.4774

■ 34.7289, 36.5188,
44.5516

■ 24.8068, 25.4775,
14.1062

■ 37.3578, 39.1907,
53.3996

■ 23.4129, 23.7048,
10.5118

■ 40.2175, 42.0256,
63.2455

■ 22.1951, 22.0667,
7.6470

■ 43.3143, 45.0269,
74.1192

■ 21.1428, 20.5581,
5.4593

■ 46.6542, 48.1978,
86.0498

■ 20.2442, 19.1731,
3.8891

■ 50.2429, 51.5414,
99.0651

■ 19.4854, 17.9052,
2.8662

■ 52.0241, 54.2361,
102.3344

■ 18.8783, 16.8245,
2.2525

■ 53.3098, 56.8073,
102.7629

Harmonies

Analogous

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



31.0071, 31.6487, 30.4006



30.1365, 31.6487, 29.7197



29.2678, 31.6487, 30.2551

Triad

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



30.1365, 31.6487, 29.7197



28.5746, 31.6487, 36.8647



31.5825, 31.6487, 37.1525

Complementary

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



30.1365, 31.6487, 29.7197



27.5896, 28.9981, 36.4911

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.



30.9095, 31.6487, 39.0376



30.1365, 31.6487, 29.7197



29.1738, 31.6487, 38.8656

Square

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



30.1365, 31.6487, 29.7197



28.3769, 31.6487, 34.3018



30.0258, 31.6487, 39.6794



31.8523, 31.6487, 34.6187

Rectangle

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



30.1365, 31.6487, 29.7197



28.8042, 31.6487, 31.2456



30.0258, 31.6487, 39.6794



31.3953, 31.6487, 37.8877

Sweetspot

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



30.1374, 31.6501, 29.7204



57.7528, 60.7464, 63.5418



28.9106, 28.4332, 31.6646



12.9488, 13.6187, 14.0964



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.1374, 31.6501, 29.7204



53.7981, 56.4518, 51.0800



30.6936, 33.4184, 30.0324



6.9731, 7.3262, 7.0322



15.1575, 13.5505, 1.8166



0.3094, 0.3191, 0.0453

Inverse Universe

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



27.5896, 28.9981, 36.4911



48.1940, 50.6186, 65.9737



27.0707, 27.3823, 36.2065



6.4666, 6.7990, 8.3782



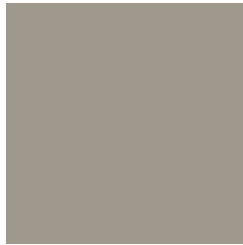
6.0993, 4.2902, 26.4139



0.1470, 0.1525, 0.4849

Previews

White Background



This preview shows how the XYZ color 30.1365, 31.6487, 29.7197 looks on a white background.

Color Contrast Check

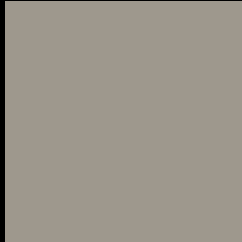
Large Text (above 18pt) WCAG AA × Fail

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 30.1365, 31.6487, 29.7197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

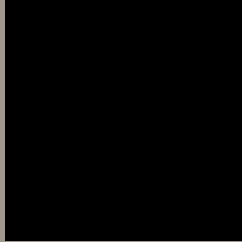
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1365, 31.6487, 29.7197

Background



This preview shows how black text looks on a background with the XYZ color 30.1365, 31.6487, 29.7197.



This preview shows how white text looks on a background with the XYZ color 30.1365, 31.6487,

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

30.1365, 31.6487, 29.7197

Protanopia

30.1365, 31.6487, 29.7197

Deuteranopia

32.1108, 31.4784, 29.9747



Tritanopia

31.8784, 31.6452, 38.1462

Trichromacy



Original Color

30.1365, 31.6487, 29.7197

Protanomaly

30.1365, 31.6487, 29.7197

Deuteranomaly

31.3558, 31.5549, 30.0293

Tritanomaly

31.2363, 31.6194, 35.0287

Monochromacy



Original Color

30.1365, 31.6487, 29.7197

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3336, 31.9210, 32.9964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1365, 31.6487, 29.7197 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(158, 152, 141)` looks like.

```
.text, #text, p{  
    color:rgb(158, 152, 141)  
}
```

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(158, 152, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 152, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.1365, 31.6487, 29.7197 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(158, 152, 141) }
```


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

```
.border{ border-color:rgb(158, 152, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 152, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 152, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 152, 141);  
box-shadow:4px 4px 4px 4px rgb(158, 152,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1365, 31.6487, 29.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 152, 141) }
```

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

```
.background{ background-color: rgb(158,  
152, 141) }
```

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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