

Converting Colors

XYZ(29.7123, 31.6189, 29.5686)

Have a look what the booklet for
XYZ(29.7123, 31.6189, 29.5686)
contains.

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Color

**XYZ(29.7165, 31.6741,
29.7468)**

Conversions

Conversions Part 1

Format	Color
Hex	9B998D
RGB	155, 153, 141
RGB Percent	61%, 60%, 55%
CMY	0.3922, 0.4000, 0.4471
CMYK	0.00, 0.01, 0.09, 0.39
HSL	51°, 7%, 58%
HSV	51°, 9%, 61%
XYZ	29.7165, 31.6741, 29.7468
YIQ	152.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

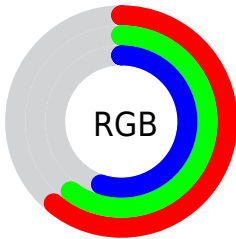
Format	Color
R_{YB}	143, 155, 141
Decimal	10197389
CIE _{Lab}	63.07, -1.47, 6.56
CIE _{LCh}	63, 6.721, 102.665
Yxy	31.6741, 0.3261, 0.3475
Android (android.graphics.Color)	4288387469 (0xFF9B998D)
YUV	152.2300, -5.5364, 2.4293
Hunter-Lab	56.2797, -4.2390, 8.0579

Details

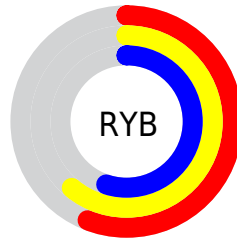
The XYZ color **29.7165, 31.6741, 29.7468** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7233, 27.6737, 34.9437**, and the grayscale version is **29.9667, 31.5273, 34.3332**.

A 20% lighter version of the original color is **58.4576, 62.1211, 60.5393**, and **12.3486, 13.2011, 11.7948** is the 20% darker color. If you saturate the color by 10%, you get **28.2848, 30.5288, 23.9722**, and if you desaturate by 10%, it is **31.3181, 32.9002, 36.3752**.

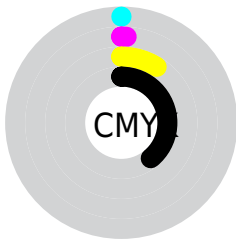
Distribution



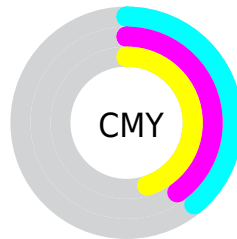
- Red (61%)
- Green (60%)
- Blue (55%)



- Red (56%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7165, 31.6741, 29.7468 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 29.7165, 31.6741, 29.7468 by changing the saturation by 10% instead.

■ 29.7165, 31.6741,
29.7468

■ 29.7165, 31.6741,
29.7468

292.5144,
309.6320, 314.8929

■ 19.7705, 21.1127,
19.3961

■ 58.6033, 62.2998,
60.3178

■ 12.3356, 13.2064,
11.7771

■ 78.2747, 83.1329,
81.3751

■ 7.0465, 7.5708,
6.4714

■ 101.9188,
108.1588, 106.8384

■ 3.5378, 3.8216,
3.0604

129.9007,
137.7616, 137.1262

■ 1.4441, 1.5743,
1.1256

162.5858,
172.3260, 172.6570

■ 0.2873, 0.3402,
0.0000

200.3396,

■ 0.0000, 0.0000,

212.2363, 213.8493

0.0000

243.5273,
257.8768, 261.1218

■ 29.7165, 31.6741,
29.7468

■ 29.7165, 31.6741,
29.7468

■ 28.2848, 30.5288,
23.9722

■ 31.3181, 32.9002,
36.3752

■ 27.0137, 29.4574,
19.0142

■ 33.0933, 34.2054,
43.8885

■ 25.8969, 28.4583,
14.8360

■ 35.0490, 35.5937,
52.3186

■ 24.9266, 27.5284,
11.3971

■ 37.1908, 37.0673,
61.6954

■ 24.0945, 26.6642,
8.6531

■ 39.5242, 38.6285,
72.0472

■ 23.3912, 25.8620,
6.5554

■ 42.0543, 40.2795,
83.4013

■ 22.8062, 25.1175,
5.0486

■ 44.7863, 42.0222,
95.7839

■ 22.3272, 24.4258,
4.0682

■ 46.0722, 43.1976,
100.5174

■ 21.9280, 23.7762,
3.4766

■ 46.4923, 44.0379,
100.6575

Harmonies

Analogous

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



30.6391, 31.6741, 29.8444



29.7165, 31.6741, 29.7468



28.9144, 31.6741, 30.8714

Triad

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



29.7165, 31.6741, 29.7468



28.8146, 31.6741, 38.0611



31.8375, 31.6741, 36.0299

Complementary

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



29.7165, 31.6741, 29.7468



26.7233, 27.6737, 34.9437

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.



31.3285, 31.6741, 38.3759



29.7165, 31.6741, 29.7468



29.5777, 31.6741, 39.5893

Square

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



29.7165, 31.6741, 29.7468



28.4009, 31.6741, 35.6181



30.4974, 31.6741, 39.7073



31.8766, 31.6741, 33.3815

Rectangle

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



29.7165, 31.6741, 29.7468



28.5507, 31.6741, 32.1982



30.4974, 31.6741, 39.7073



31.7152, 31.6741, 36.8833

Sweetspot

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



29.7174, 31.6755, 29.7475



54.8956, 58.0200, 60.1767



28.0083, 28.0050, 29.9561



12.3747, 13.0939, 13.4106



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.7174, 31.6755, 29.7475



52.6349, 56.2670, 50.8885



29.1255, 31.8596, 29.8142



6.6338, 7.0727, 6.6214



17.6035, 19.0894, 2.7568



0.2812, 0.3215, 0.0472

Inverse Universe

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



26.7233, 27.6737, 34.9437



46.0738, 47.4976, 62.2759



27.2780, 27.5186, 34.8845



5.9521, 6.1615, 7.8045



5.0023, 2.4013, 25.1075



0.0908, 0.0679, 0.3807

Previews

White Background



This preview shows how the XYZ color 29.7165, 31.6741, 29.7468 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 29.7165, 31.6741, 29.7468 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

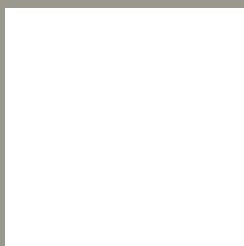
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7165, 31.6741, 29.7468

Background



This preview shows how black text looks on a background with the XYZ color 29.7165, 31.6741, 29.7468.



This preview shows how white text looks on a background with the XYZ color 29.7165, 31.6741,

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

29.7165, 31.6741, 29.7468

Protanopia

30.0624, 31.6190, 29.3296

Deuteranopia

32.1108, 31.4784, 29.9747



Tritanopia

31.5285, 31.6904, 38.6376

Trichromacy



Original Color

29.7165, 31.6741, 29.7468

Protanomaly

29.8665, 31.5180, 29.3204

Deuteranomaly

31.1470, 31.4472, 30.0195

Tritanomaly

30.8040, 31.6344, 35.0544

Monochromacy



Original Color

29.7165, 31.6741, 29.7468

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.7104, 31.3669, 32.5055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7165, 31.6741, 29.7468 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(155, 153, 141)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 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(155, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.7165, 31.6741, 29.7468 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(155, 153, 141) }
```


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

```
.border{ border-color:rgb(155, 153, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 153, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 153, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 153, 141);  
box-shadow:4px 4px 4px 4px rgb(155, 153,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7165, 31.6741, 29.7468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 141) }
```

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

```
.background{ background-color: rgb(155,  
153, 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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