

Converting Colors

XYZ(29.8385, 31.9226, 41.7821)

Have a look what the booklet for
XYZ(29.8385, 31.9226, 41.7821)
contains.

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Color

**XYZ(29.7737, 31.9326,
41.6401)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9BA8
RGB	141, 155, 168
RGB Percent	55%, 61%, 66%
CMY	0.4471, 0.3921, 0.3412
CMYK	0.16, 0.08, 0.00, 0.34
HSL	209°, 13%, 61%
HSV	209°, 16%, 66%
XYZ	29.7737, 31.9326, 41.6401
YIQ	152.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

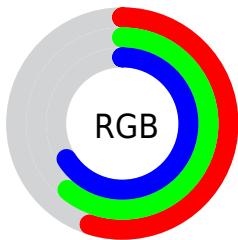
Format	Color
RYB	141, 150, 168
Decimal	9280424
CIELab	63.29, -2.18, -8.47
CIElCh	63, 8.745, 255.561
Yxy	31.9326, 0.2881, 0.3090
Android (android.graphics.Color)	4287470504 (0xFF8D9BA8)
YUV	152.2960, 7.7421, -9.9066
Hunter-Lab	56.5089, -4.8417, -4.1331

Details

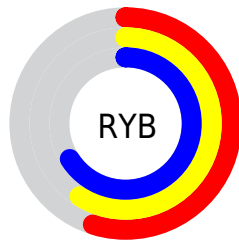
The XYZ color **29.7737, 31.9326, 41.6401** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5118, 33.3588, 29.9252**, and the grayscale version is **29.9451, 31.5046, 34.3085**.

A 20% lighter version of the original color is **58.6254, 62.5307, 78.7918**, and **12.4171, 13.3857, 18.4523** is the 20% darker color. If you saturate the color by 10%, you get **25.8300, 27.9687, 41.0834**, and if you desaturate by 10%, it is **34.2428, 36.3029, 42.2486**.

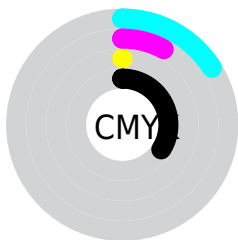
Distribution



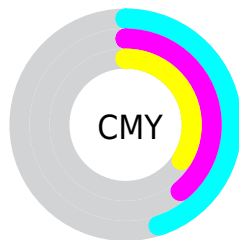
- Red (55%)
- Green (61%)
- Blue (66%)



- Red (55%)
- Yellow (59%)
- Blue (66%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7737, 31.9326, 41.6401 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 29.7737, 31.9326, 41.6401 by changing the saturation by 10% instead.

■ 29.7737, 31.9326,
41.6401

■ 29.7737, 31.9326,
41.6401

292.7770,
310.8121, 368.7444

■ 19.8141, 21.3100,
28.4961

■ 58.6932, 62.7054,
78.9188

■ 12.3675, 13.3508,
18.4577

■ 78.3838, 83.6244,
103.8907

■ 7.0684, 7.6706,
11.1063

■ 102.0488,
108.7444, 133.6422

■ 3.5516, 3.8849,
6.0233

130.0535,
138.4497, 168.5920

■ 1.4518, 1.6094,
2.7902

162.7634,
173.1247, 209.1586

■ 0.2926, 0.3639,
0.9885

200.5437,

■ 0.0000, 0.0000,

213.1539, 255.7605

0.0000

243.7597,
258.9215, 308.8162

■ 29.7737, 31.9326,
41.6401

■ 29.7737, 31.9326,
41.6401

■ 25.8300, 27.9687,
41.0834

■ 34.2428, 36.3029,
42.2486

■ 22.3876, 24.3936,
40.5747

■ 39.2545, 41.0884,
42.9082

■ 19.4247, 21.1944,
40.1134

■ 44.8284, 46.3025,
43.6208

■ 16.9168, 18.3554,
39.6976

■ 50.9825, 51.9570,
44.3879

■ 14.8368, 15.8600,
39.3255

■ 57.7338, 58.0629,
45.2106

■ 13.1544, 13.6895,
38.9953

■ 65.0988, 64.6310,
46.0902

■ 11.8350, 11.8230,
38.7045

■ 71.7554, 70.9820,
46.9652

■ 10.8325, 10.2336,
38.4506

■ 73.8232, 75.1176,
47.6545

■ 10.4865, 9.6642,
38.3589

■ 75.9936, 79.4585,
48.3780

Harmonies

Analogous

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



28.7487, 31.9326, 39.7547



29.7737, 31.9326, 41.6401



30.9804, 31.9326, 41.6019

Triad

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



29.7737, 31.9326, 41.6401



32.6514, 31.9326, 33.0095



28.7175, 31.9326, 30.3032

Complementary

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



29.7737, 31.9326, 41.6401



32.5118, 33.3588, 29.9252

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.



29.7302, 31.9326, 28.7288



29.7737, 31.9326, 41.6401



32.0117, 31.9326, 30.2189

Square

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



29.7737, 31.9326, 41.6401



32.6638, 31.9326, 36.4597



30.9357, 31.9326, 28.6990



28.1500, 31.9326, 33.1317

Rectangle

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



29.7737, 31.9326, 41.6401



31.7263, 31.9326, 40.4851



30.9357, 31.9326, 28.6990



29.0160, 31.9326, 29.6183

Sweetspot

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



29.7746, 31.9339, 41.6408



62.9845, 66.6929, 76.7785



30.7871, 35.9883, 35.7217



13.6011, 14.4138, 16.7174



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.



29.7746, 31.9339, 41.6408



51.5809, 55.5102, 75.2210



27.7110, 27.8067, 40.9529



7.4415, 7.9200, 9.5548



7.9705, 7.4012, 28.9840



0.2448, 0.2818, 0.7221

Inverse Universe

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



31.5904, 29.7418, 35.0877



55.4882, 50.9363, 61.0874



34.7937, 37.9225, 30.6858



7.6875, 7.6048, 8.6713



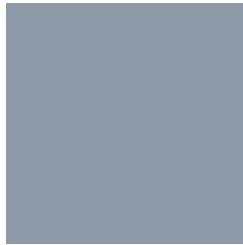
13.5237, 6.8182, 7.5695



0.3547, 0.1762, 0.3193

Previews

White Background



This preview shows how the XYZ color 29.7737, 31.9326, 41.6401 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 29.7737, 31.9326, 41.6401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

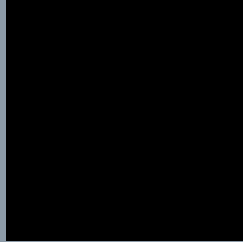
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

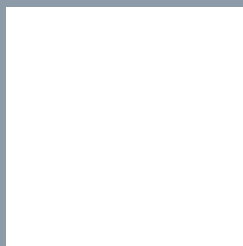
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7737, 31.9326, 41.6401

Background



This preview shows how black text looks on a background with the XYZ color 29.7737, 31.9326, 41.6401.

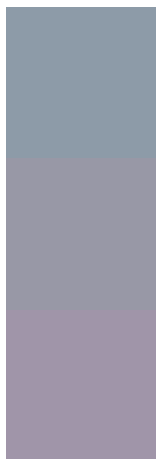


This preview shows how white text looks on a background with the XYZ color 29.7737, 31.9326,

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

29.7737, 31.9326, 41.6401

Protanopia

31.0601, 31.8850, 40.5938

Deuteranopia

32.4061, 31.8330, 41.9725



Tritanopia

29.6809, 31.8954, 41.1513

Trichromacy



Original Color

29.7737, 31.9326, 41.6401

Protanomaly

30.5790, 31.8684, 41.0987

Deuteranomaly

31.3649, 31.7701, 42.0152

Tritanomaly

29.6809, 31.8954, 41.1513

Monochromacy



Original Color

29.7737, 31.9326, 41.6401

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.7755, 31.5470, 36.8676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7737, 31.9326, 41.6401 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(141, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(141, 155, 168)  
}
```

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(141, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 155, 168) }
```

Border

The CSS property to change the border of an element to XYZ 29.7737, 31.9326, 41.6401 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(141, 155, 168) }
```


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

```
.border{ border-color:rgb(141, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 155, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 155, 168); box-shadow:4px 4px 4px 4px rgb(141, 155, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7737, 31.9326, 41.6401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 155, 168) }
```

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

```
.background{ background-color: rgb(141,  
155, 168) }
```

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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