

Converting Colors

XYZ(29.1022, 31.8479, 35.4995)

Have a look what the booklet for
XYZ(29.1022, 31.8479, 35.4995)
contains.

XYZ(29.1326, 31.9831, 35.6483)	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(29.1326, 31.9831,
35.6483)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9C9B
RGB	143, 156, 155
RGB Percent	56%, 61%, 61%
CMY	0.4392, 0.3882, 0.3922
CMYK	0.08, 0.00, 0.01, 0.39
HSL	175°, 6%, 59%
HSV	175°, 8%, 61%
XYZ	29.1326, 31.9831, 35.6483
YIQ	151.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

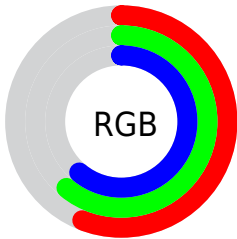
Format	Color
RYB	143, 150, 156
Decimal	9411739
CIELab	63.33, -4.82, -1.07
CIELCh	63, 4.933, 192.533
Yxy	31.9831, 0.3011, 0.3305
Android (android.graphics.Color)	4287601819 (0xFF8F9C9B)
YUV	151.9990, 1.4795, -7.8921
Hunter-Lab	56.5536, -7.0177, 2.2143

Details

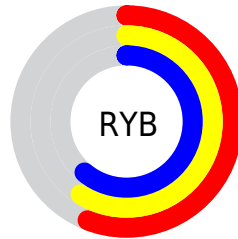
The XYZ color **29.1326, 31.9831, 35.6483** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5680, 28.7274, 30.4263**, and the grayscale version is **29.8414, 31.3955, 34.1897**.

A 20% lighter version of the original color is **57.5812, 62.5670, 69.3634**, and **12.0645, 13.4298, 15.0530** is the 20% darker color. If you saturate the color by 10%, you get **26.5173, 30.6474, 35.0020**, and if you desaturate by 10%, it is **32.1263, 33.5156, 36.3189**.

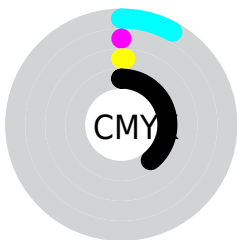
Distribution



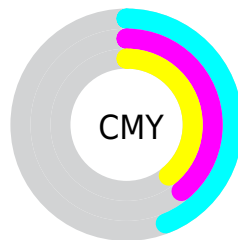
- Red (56%)
- Green (61%)
- Blue (61%)



- Red (56%)
- Yellow (59%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1326, 31.9831, 35.6483 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 29.1326, 31.9831, 35.6483 by changing the saturation by 10% instead.

■ 29.1326, 31.9831,
35.6483

■ 29.1326, 31.9831,
35.6483

289.8230,
311.0423, 342.4115

■ 19.3259, 21.3486,
23.8752

■ 57.6838, 62.7846,
69.6518

■ 12.0114, 13.3790,
15.0297

■ 77.1590, 83.7204,
92.7192

■ 6.8237, 7.6901,
8.6934

100.5879,
108.8587, 120.3885

■ 3.3974, 3.8973,
4.4477

128.3356,
138.5839, 153.0782

■ 1.3673, 1.6163,
1.8740

160.7676,
173.2805, 191.2068

■ 0.2327, 0.3685,
0.4761

198.2493,

■ 0.0000, 0.0000,

213.3329, 235.1928

0.0000

241.1460,
259.1253, 285.4549

■ 29.1326, 31.9831,
35.6483

■ 29.1326, 31.9831,
35.6483

■ 26.5173, 30.6474,
35.0020

■ 32.1263, 33.5156,
36.3189

■ 24.2623, 29.4964,
34.3771

■ 35.5102, 35.2482,
37.0123

■ 22.3520, 28.5229,
33.7736

■ 39.2991, 37.1894,
37.7300

■ 20.7687, 27.7180,
33.1906

■ 43.5058, 39.3460,
38.4726

■ 19.4930, 27.0715,
32.6272

■ 48.1430, 41.7244,
39.2406

■ 18.5034, 26.5724,
32.0823

■ 53.2227, 44.3308,
40.0346

■ 17.7760, 26.2083,
31.5549

■ 58.7562, 47.1710,
40.8552

■ 17.2826, 25.9647,
31.0436

■ 59.8861, 47.7409,
41.4750

■ 16.9693, 25.8139,
30.5458

■ 59.9957, 47.7847,
42.0525

Harmonies

Analogous

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



29.1611, 31.9831, 33.7053



29.1326, 31.9831, 35.6483



29.4397, 31.9831, 37.4341

Triad

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



29.1326, 31.9831, 35.6483



31.2971, 31.9831, 37.6753



30.7956, 31.9831, 31.3520

Complementary

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



29.1326, 31.9831, 35.6483



28.5680, 28.7274, 30.4263

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.



31.3789, 31.9831, 32.3384



29.1326, 31.9831, 35.6483



31.6714, 31.9831, 35.9675

Square

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



29.1326, 31.9831, 35.6483



30.6854, 31.9831, 38.6336



31.7015, 31.9831, 34.0128



30.1143, 31.9831, 31.2738

Rectangle

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



29.1326, 31.9831, 35.6483



29.7961, 31.9831, 38.2757



31.7015, 31.9831, 34.0128



31.0099, 31.9831, 31.5866

Sweetspot

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



29.1335, 31.9844, 35.6490



55.6925, 59.5122, 65.3823



28.3636, 31.6982, 30.6107



12.1624, 13.0480, 14.3663



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.



29.1335, 31.9844, 35.6490



51.9757, 57.6113, 64.5236



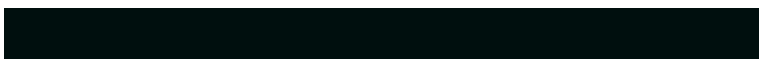
28.3291, 30.2404, 35.7979



6.7998, 7.5007, 8.3802



13.9432, 21.2452, 25.1217



0.2552, 0.3822, 0.4801

Inverse Universe

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



28.5680, 28.7274, 30.4263



50.7345, 50.4625, 53.0606



29.3248, 30.3630, 30.3023



6.6528, 6.6540, 7.0227



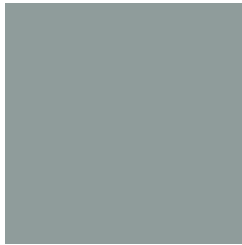
11.3535, 5.8460, 0.8468



0.2084, 0.1067, 0.0435

Previews

White Background



This preview shows how the XYZ color 29.1326, 31.9831, 35.6483 looks on a white background.

Color Contrast Check

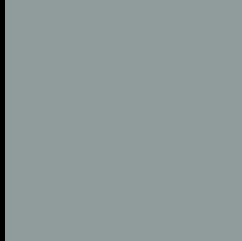
Large Text (above 18pt) WCAG AA × Fail

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 29.1326, 31.9831, 35.6483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

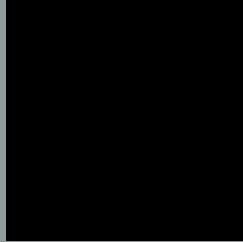
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.1326, 31.9831, 35.6483

Background



This preview shows how black text looks on a background with the XYZ color 29.1326, 31.9831, 35.6483.



This preview shows how white text looks on a background with the XYZ color 29.1326, 31.9831,

35.6483.

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

29.1326, 31.9831, 35.6483

Protanopia

30.6883, 31.8243, 34.6622

Deuteranopia

32.4016, 31.7211, 36.3133



Tritanopia

30.1156, 31.8841, 40.6434

Trichromacy



Original Color

29.1326, 31.9831, 35.6483

Protanomaly

29.9865, 31.6949, 35.1091

Deuteranomaly

31.1679, 31.8026, 35.9483

Tritanomaly

29.7445, 31.9806, 38.7876

Monochromacy



Original Color

29.1326, 31.9831, 35.6483

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.5354, 31.4719, 34.6550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1326, 31.9831, 35.6483 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(143, 156, 155) looks like.

```
.text, #text, p{  
    color:rgb(143, 156, 155)  
}
```

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(143, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 156, 155) }
```

Border

The CSS property to change the border of an element to XYZ 29.1326, 31.9831, 35.6483 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(143, 156, 155) }
```


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

```
.border{ border-color:rgb(143, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(143, 156,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1326, 31.9831, 35.6483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 156, 155) }
```

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

```
.background{ background-color: rgb(143,  
156, 155) }
```

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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