

Converting Colors

XYZ(28.4165, 31.1896, 35.1620)

Have a look what the booklet for
XYZ(28.4165, 31.1896, 35.1620)
contains.

XYZ(28.3728, 31.1070, 35.0807)	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(28.3728, 31.1070,
35.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9A9A
RGB	141, 154, 154
RGB Percent	55%, 60%, 60%
CMY	0.4471, 0.3961, 0.3961
CMYK	0.08, 0.00, 0.00, 0.40
HSL	180°, 6%, 58%
HSV	180°, 8%, 60%
XYZ	28.3728, 31.1070, 35.0807
YIQ	150.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

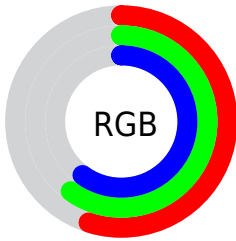
Format	Color
R_{YB}	141, 148, 154
Decimal	9280154
CIE _{Lab}	62.60, -4.62, -1.60
CIE _{LCh}	63, 4.889, 199.047
Yxy	31.1070, 0.3000, 0.3290
Android (android.graphics.Color)	4287470234 (0xFF8D9A9A)
YUV	150.1130, 1.9163, -7.9921
Hunter-Lab	55.7736, -6.7986, 1.7491

Details

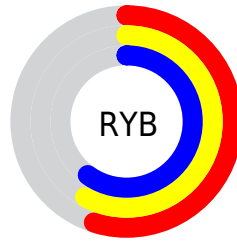
The XYZ color **28.3728, 31.1070, 35.0807** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6601, 27.8436, 29.1172**, and the grayscale version is **29.0325, 30.5445, 33.2630**.

A 20% lighter version of the original color is **56.4467, 61.2679, 68.5253**, and **11.6128, 12.9039, 14.7106** is the 20% darker color. If you saturate the color by 10%, you get **25.9342, 29.8507, 34.9660**, and if you desaturate by 10%, it is **31.1774, 32.5536, 35.2138**.

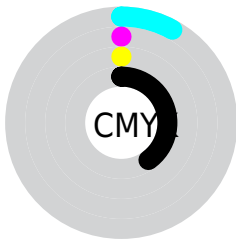
Distribution



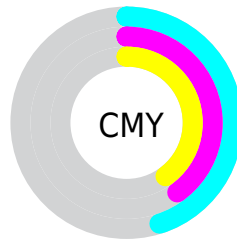
- Red (55%)
- Green (60%)
- Blue (60%)



- Red (55%)
- Yellow (58%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3728, 31.1070, 35.0807 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 28.3728, 31.1070, 35.0807 by changing the saturation by 10% instead.

■ 28.3728, 31.1070,
35.0807

■ 28.3728, 31.1070,
35.0807

286.2919,
307.0310, 339.8395

■ 18.7488, 20.6803,
23.4410

■ 56.4836, 61.4085,
68.7638

■ 11.5918, 12.8905,
14.7111

■ 75.7010, 82.0521,
91.6442

■ 6.5366, 7.3532,
8.4725

■ 98.8470, 106.8702,
119.1086

■ 3.2177, 3.6840,
4.3067

126.2868,
136.2471, 151.5756

■ 1.2699, 1.4984,
1.7951

158.3859,
170.5672, 189.4636

■ 0.1605, 0.2876,
0.4247

195.5095,

■ 0.0000, 0.0000,

210.2150, 233.1912

0.0000

238.0231,
255.5748, 283.1770

■ 28.3728, 31.1070,
35.0807

■ 28.3728, 31.1070,
35.0807

■ 25.9342, 29.8507,
34.9660

■ 31.1774, 32.5536,
35.2138

■ 23.8439, 28.7732,
34.8669

■ 34.3593, 34.1939,
35.3640

■ 22.0869, 27.8674,
34.7834

■ 37.9327, 36.0361,
35.5325

■ 20.6458, 27.1246,
34.7147

■ 41.9104, 38.0866,
35.7199

■ 19.5021, 26.5350,
34.6600

■ 46.3045, 40.3518,
35.9268

■ 18.6349, 26.0880,
34.6181

■ 51.1265, 42.8376,
36.1537

■ 18.0209, 25.7715,
34.5882

■ 56.3876, 45.5498,
36.4011

■ 17.6328, 25.5714,
34.5688

■ 58.6309, 46.7063,
36.5074

■ 17.4169, 25.4601,
34.5574

■ 58.6312, 46.7064,
36.5086

Harmonies

Analogous

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



28.3273, 31.1070, 33.1785



28.3728, 31.1070, 35.0807



28.7352, 31.1070, 36.7149

Triad

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



28.3728, 31.1070, 35.0807



30.5436, 31.1070, 36.3302



29.8101, 31.1070, 30.3972

Complementary

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



28.3728, 31.1070, 35.0807



27.6601, 27.8436, 29.1172

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.



30.4132, 31.1070, 31.1764



28.3728, 31.1070, 35.0807



30.8408, 31.1070, 34.5715

Square

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



28.3728, 31.1070, 35.0807



29.9860, 31.1070, 37.4548



30.7927, 31.1070, 32.6879



29.1505, 31.1070, 30.5220

Rectangle

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



28.3728, 31.1070, 35.0807



29.1109, 31.1070, 37.4102



30.7927, 31.1070, 32.6879



30.0264, 31.1070, 30.5609

Sweetspot

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



28.3737, 31.1083, 35.0814



54.1981, 57.8779, 63.8506



27.3855, 30.7173, 29.6854



12.1780, 13.0543, 14.4481



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.



28.3737, 31.1083, 35.0814



50.7146, 56.0822, 63.6860



27.3636, 29.0878, 34.7457



6.3846, 7.0265, 7.9485



14.1648, 20.7294, 28.1522



0.2118, 0.3099, 0.4209

Inverse Universe

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



27.6601, 27.8436, 29.1172



49.1667, 49.0008, 50.7491



28.6131, 29.7499, 29.4339



6.2089, 6.2227, 6.4799



10.8575, 5.5972, 0.5089



0.1623, 0.0837, 0.0077

Previews

White Background



This preview shows how the XYZ color 28.3728, 31.1070, 35.0807 looks on a white background.

Color Contrast Check

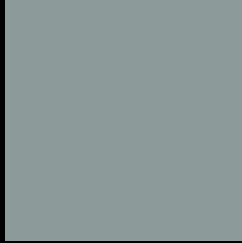
Large Text (above 18pt) WCAG AA × Fail

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 28.3728, 31.1070, 35.0807 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

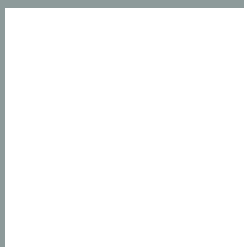
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3728, 31.1070, 35.0807

Background



This preview shows how black text looks on a background with the XYZ color 28.3728, 31.1070, 35.0807.

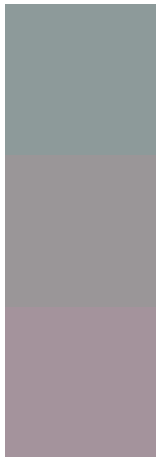


This preview shows how white text looks on a background with the XYZ color 28.3728, 31.1070,

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

28.3728, 31.1070, 35.0807

Protanopia

29.9003, 30.9497, 34.1037

Deuteranopia

31.7443, 31.1603, 35.7939



Tritanopia

29.2568, 30.9764, 39.5590

Trichromacy



Original Color

28.3728, 31.1070, 35.0807

Protanomaly

29.2108, 30.8227, 34.5468

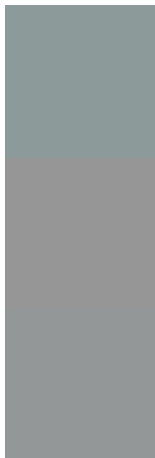
Deuteranomaly

30.5330, 31.2472, 35.4324

Tritanomaly

28.8917, 31.0713, 37.7323

Monochromacy



Original Color

28.3728, 31.1070, 35.0807

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.6851, 30.5706, 33.6670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3728, 31.1070, 35.0807 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, 154, 154) looks like.

```
.text, #text, p{  
    color:rgb(141, 154, 154)  
}
```

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, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.3728, 31.1070, 35.0807 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, 154, 154) }
```


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

```
.border{ border-color:rgb(141, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(141, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3728, 31.1070, 35.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 154, 154) }
```

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

```
.background{ background-color: rgb(141,  
154, 154) }
```

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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