

Converting Colors

XYZ(28.0375, 31.5982, 35.4686)

Have a look what the booklet for
XYZ(28.0375, 31.5982, 35.4686)
contains.

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Color

**XYZ(28.1267, 31.7147,
35.6495)**

Conversions

Conversions Part 1

Format	Color
Hex	889D9B
RGB	136, 157, 155
RGB Percent	53%, 62%, 61%
CMY	0.4667, 0.3843, 0.3922
CMYK	0.13, 0.00, 0.01, 0.38
HSL	174°, 10%, 57%
HSV	174°, 13%, 62%
XYZ	28.1267, 31.7147, 35.6495
YIQ	150.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

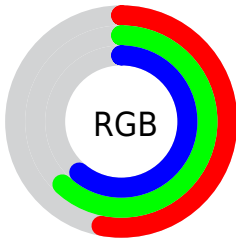
Format	Color
RYB	136, 147, 157
Decimal	8953243
CIELab	63.11, -7.78, -1.46
CIELCh	63, 7.917, 190.596
Yxy	31.7147, 0.2945, 0.3321
Android (android.graphics.Color)	4287143323 (0xFF889D9B)
YUV	150.4930, 2.2220, -12.7104
Hunter-Lab	56.3158, -9.4016, 1.8888

Details

The XYZ color **28.1267, 31.7147, 35.6495** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2973, 26.6122, 27.7441**, and the grayscale version is **29.1941, 30.7145, 33.4481**.

A 20% lighter version of the original color is **56.0384, 62.5092, 69.4336**, and **11.4905, 13.2860, 15.0555** is the 20% darker color. If you saturate the color by 10%, you get **25.6366, 30.4463, 34.8815**, and if you desaturate by 10%, it is **30.9937, 33.1789, 36.4446**.

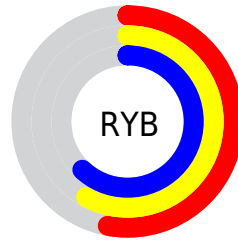
Distribution



Red (53%)

Green (62%)

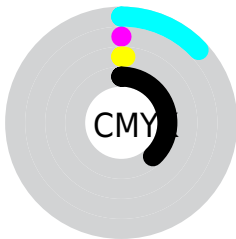
Blue (61%)



Red (53%)

Yellow (58%)

Blue (62%)

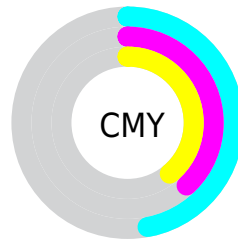


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (47%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1267, 31.7147, 35.6495 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 28.1267, 31.7147, 35.6495 by changing the saturation by 10% instead.

■ 28.1267, 31.7147,
35.6495

■ 28.1267, 31.7147,
35.6495

285.1410,
309.8176, 342.4169

■ 18.5621, 21.1437,
23.8761

■ 56.0939, 62.3636,
69.6537

■ 11.4564, 13.2291,
15.0304

■ 75.2272, 83.2102,
92.7215

■ 6.4443, 7.5865,
8.6938

■ 98.2809, 108.2508,
120.3912

■ 3.1603, 3.8315,
4.4480

125.6201,
137.8698, 153.0814

■ 1.2391, 1.5798,
1.8742

157.6104,
172.4516, 191.2105

■ 0.1369, 0.3439,
0.4762

194.6171,

■ 0.0000, 0.0000,

212.3805, 235.1971

0.0000

237.0055,
258.0411, 285.4597

■ 28.1267, 31.7147,
35.6495

■ 28.1267, 31.7147,
35.6495

■ 25.6366, 30.4463,
34.8815

■ 30.9937, 33.1789,
36.4446

■ 23.5046, 29.3615,
34.1376

■ 34.2501, 34.8429,
37.2655

■ 21.7141, 28.4525,
33.4179

■ 37.9111, 36.7152,
38.1135

■ 20.2463, 27.7097,
32.7212

■ 41.9904, 38.8030,
38.9893

■ 19.0807, 27.1226,
32.0468

■ 46.5009, 41.1129,
39.8935

■ 18.1941, 26.6791,
31.3934

■ 51.4552, 43.6514,
40.8267

■ 17.5603, 26.3657,
30.7597

■ 56.8650, 46.4246,
41.7896

■ 17.1477, 26.1662,
30.1444

■ 60.2703, 48.1642,
42.6670

■ 16.9427, 26.0691,
29.7444

■ 60.4094, 48.2198,
43.3999

Harmonies

Analogous

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



28.2065, 31.7147, 32.5723



28.1267, 31.7147, 35.6495



28.5775, 31.7147, 38.5946

Triad

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



28.1267, 31.7147, 35.6495



31.5309, 31.7147, 39.3023



30.8469, 31.7147, 29.1649

Complementary

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



28.1267, 31.7147, 35.6495



27.2973, 26.6122, 27.7441

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.



31.7665, 31.7147, 30.7648



28.1267, 31.7147, 35.6495



32.1680, 31.7147, 36.5685

Square

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



28.1267, 31.7147, 35.6495



30.5316, 31.7147, 40.7865



32.2553, 31.7147, 33.4379



29.7594, 31.7147, 28.9519

Rectangle

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



28.1267, 31.7147, 35.6495



29.1247, 31.7147, 40.0401



32.2553, 31.7147, 33.4379



31.1866, 31.7147, 29.5536

Sweetspot

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



28.1276, 31.7160, 35.6502



55.1222, 59.2224, 65.1646



26.9996, 31.3046, 27.9125



12.0447, 12.9883, 14.3165



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.



28.1276, 31.7160, 35.6502



48.9955, 56.0959, 63.4348



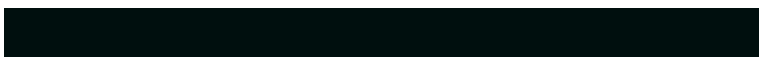
26.9243, 29.0381, 36.0856



6.7946, 7.4986, 8.3528



13.7674, 21.1749, 24.1957



0.2533, 0.3815, 0.4701

Inverse Universe

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



27.2973, 26.6122, 27.7441



47.2189, 45.1738, 46.5166



28.3836, 29.0146, 27.3975



6.6575, 6.6559, 7.0474



11.3698, 5.8525, 0.9322



0.2099, 0.1073, 0.0515

Previews

White Background



This preview shows how the XYZ color 28.1267, 31.7147, 35.6495 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 28.1267, 31.7147, 35.6495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

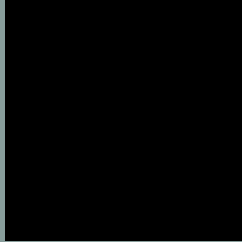
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.1267, 31.7147, 35.6495

Background



This preview shows how black text looks on a background with the XYZ color 28.1267, 31.7147, 35.6495.

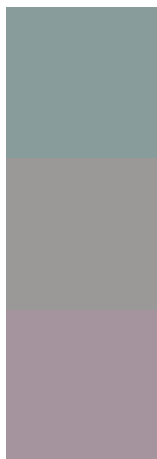


This preview shows how white text looks on a background with the XYZ color 28.1267, 31.7147,

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

28.1267, 31.7147, 35.6495

Protanopia

30.4133, 31.6920, 34.2200

Deuteranopia

32.1928, 31.6135, 36.3036



Tritanopia

29.1776, 31.6360, 41.1277

Trichromacy



Original Color

28.1267, 31.7147, 35.6495

Protanomaly

29.5181, 31.7070, 34.7013

Deuteranomaly

30.3938, 31.4035, 35.9121

Tritanomaly

28.8159, 31.7396, 39.2579

Monochromacy



Original Color

28.1267, 31.7147, 35.6495

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7358, 31.0692, 34.1882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1267, 31.7147, 35.6495 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(136, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(136, 157, 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(136, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 157, 155) }
```

Border

The CSS property to change the border of an element to XYZ 28.1267, 31.7147, 35.6495 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(136, 157, 155) }
```


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

```
.border{ border-color:rgb(136, 157, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 157, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 157, 155);  
box-shadow:4px 4px 4px 4px rgb(136, 157,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1267, 31.7147, 35.6495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 157, 155) }
```

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

```
.background{ background-color: rgb(136,  
157, 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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