

Converting Colors

XYZ(27.0851, 30.4341, 31.0370)

Have a look what the booklet for
XYZ(27.0851, 30.4341, 31.0370)
contains.

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Color

**XYZ(27.1477, 30.5588,
31.2557)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9A91
RGB	138, 154, 145
RGB Percent	54%, 60%, 57%
CMY	0.4588, 0.3961, 0.4314
CMYK	0.10, 0.00, 0.06, 0.40
HSL	146°, 7%, 57%
HSV	146°, 10%, 60%
XYZ	27.1477, 30.5588, 31.2557
YIQ	148.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

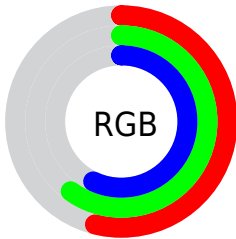
Format	Color
RYB	138, 149, 154
Decimal	9083537
CIELab	62.13, -7.50, 2.78
CIELCh	62, 7.998, 159.662
Yxy	30.5588, 0.3052, 0.3435
Android (android.graphics.Color)	4287273617 (0xFF8A9A91)
YUV	148.1900, -1.5727, -8.9366
Hunter-Lab	55.2800, -9.0797, 5.1730

Details

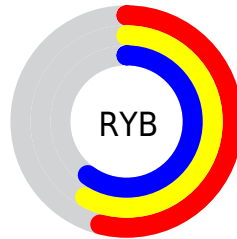
The XYZ color **27.1477, 30.5588, 31.2557** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6825, 27.1544, 31.3875**, and the grayscale version is **28.2367, 29.7072, 32.3511**.

A 20% lighter version of the original color is **54.3505, 60.3116, 62.8096**, and **10.9403, 12.6014, 12.6822** is the 20% darker color. If you saturate the color by 10%, you get **24.1356, 29.0811, 27.7597**, and if you desaturate by 10%, it is **30.5738, 32.2457, 35.0384**.

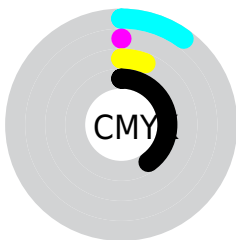
Distribution



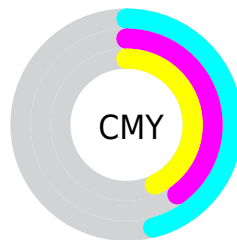
- Red (54%)
- Green (60%)
- Blue (57%)



- Red (54%)
- Yellow (58%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1477, 30.5588, 31.2557 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 27.1477, 30.5588, 31.2557 by changing the saturation by 10% instead.

■ 27.1477, 30.5588,
31.2557

■ 27.1477, 30.5588,
31.2557

280.5261,
304.5005, 322.1022

■ 17.8213, 20.2631,
20.5335

■ 54.5390, 60.5448,
62.7267

■ 10.9207, 12.5865,
12.5956

■ 73.3347, 81.0039,
84.3126

■ 6.0804, 7.1444,
7.0232

■ 96.0175, 105.6195,
110.3569

■ 2.9352, 3.5526,
3.3979

122.9528,
134.7762, 141.2780

■ 1.1196, 1.4266,
1.3012

154.5059,
168.8582, 177.4946

■ 0.0414, 0.2362,
0.0628

191.0423,

■ 0.0000, 0.0000,

208.2500, 219.4251

0.0000

232.9272,
253.3360, 267.4881

■ 27.1477, 30.5588,
31.2557

■ 27.1477, 30.5588,
31.2557

■ 24.1356, 29.0811,
27.7597

■ 30.5738, 32.2457,
35.0384

■ 21.5186, 27.8005,
24.5416

■ 34.4268, 34.1458,
39.1121

■ 19.2803, 26.7095,
21.5953

■ 38.7218, 36.2677,
43.4837

■ 17.4019, 25.7986,
18.9134

■ 43.4728, 38.6183,
48.1593

■ 15.8632, 25.0575,
16.4886

■ 48.6930, 41.2045,
53.1447

■ 14.6415, 24.4746,
14.3128

■ 54.3951, 44.0326,
58.4455

■ 13.7116, 24.0370,
12.3776

■ 60.5911, 47.1088,
64.0673

■ 13.0437, 23.7297,
10.6743

■ 64.9735, 49.2433,
69.9070

■ 12.5803, 23.5220,
9.2452

■ 66.1120, 49.6987,
75.9022

Harmonies

Analogous

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



27.7443, 30.5588, 28.9162



27.1477, 30.5588, 31.2557



27.0525, 30.5588, 34.2780

Triad

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



27.1477, 30.5588, 31.2557



29.3939, 30.5588, 39.4646



30.6676, 30.5588, 29.6321

Complementary

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



27.1477, 30.5588, 31.2557



27.6825, 27.1544, 31.3875

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.



31.1334, 30.5588, 32.2885



27.1477, 30.5588, 31.2557



30.3862, 30.5588, 38.0475

Square

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



27.1477, 30.5588, 31.2557



28.3319, 30.5588, 39.1457



31.0292, 30.5588, 35.3760



29.7704, 30.5588, 28.0198

Rectangle

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



27.1477, 30.5588, 31.2557



27.2838, 30.5588, 36.2934



31.0292, 30.5588, 35.3760



30.8808, 30.5588, 30.4257

Sweetspot

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



27.1486, 30.5601, 31.2564



53.8014, 57.7193, 61.7617



28.1887, 31.1568, 28.5734



12.0657, 13.0094, 13.8569



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.



27.1486, 30.5601, 31.2564



48.2471, 54.9874, 55.5633



27.7822, 30.8135, 34.5929



6.2388, 6.9682, 7.1807



10.2664, 19.1700, 7.6236



0.1713, 0.2937, 0.2078

Inverse Universe

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



27.6825, 27.1544, 31.3875



49.3755, 47.7895, 55.8403



27.0809, 26.9138, 28.2198



6.3470, 6.2780, 7.2073



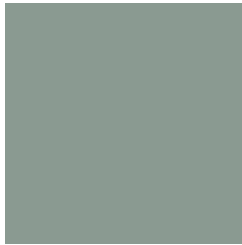
12.2650, 6.1602, 7.9206



0.2016, 0.0994, 0.2145

Previews

White Background



This preview shows how the XYZ color 27.1477, 30.5588, 31.2557 looks on a white background.

Color Contrast Check

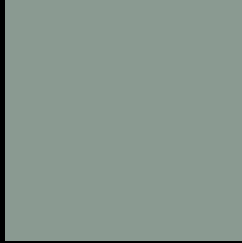
Large Text (above 18pt) WCAG AA × Fail

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 27.1477, 30.5588, 31.2557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

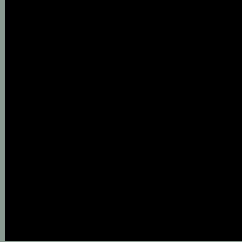
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1477, 30.5588, 31.2557

Background



This preview shows how black text looks on a background with the XYZ color 27.1477, 30.5588, 31.2557.



This preview shows how white text looks on a background with the XYZ color 27.1477, 30.5588,

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

27.1477, 30.5588, 31.2557

Protanopia

28.9564, 30.3179, 29.9170

Deuteranopia

31.1177, 30.4644, 31.8439



Tritanopia

28.6620, 30.4403, 39.0152

Trichromacy



Original Color

27.1477, 30.5588, 31.2557

Protanomaly

28.2373, 30.4123, 30.3685

Deuteranomaly

29.4885, 30.3231, 31.4929

Tritanomaly

28.0442, 30.4322, 35.8484

Monochromacy



Original Color

27.1477, 30.5588, 31.2557

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6744, 29.8486, 31.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1477, 30.5588, 31.2557 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(138, 154, 145)` looks like.

```
.text, #text, p{  
    color:rgb(138, 154, 145)  
}
```

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(138, 154, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 154, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.1477, 30.5588, 31.2557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

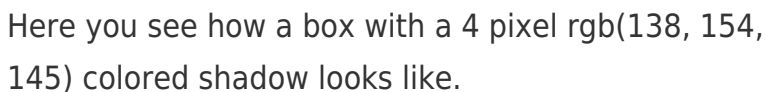
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 154, 145) }
```


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

```
.border{ border-color:rgb(138, 154, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 154, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 154, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 154, 145);  
box-shadow:4px 4px 4px 4px rgb(138, 154,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1477, 30.5588, 31.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 154, 145) }
```

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

```
.background{ background-color: rgb(138,  
154, 145) }
```

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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