

Converting Colors

XYZ(27.1755, 30.8559, 29.7219)

Have a look what the booklet for
XYZ(27.1755, 30.8559, 29.7219)
contains.

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Color

**XYZ(27.1765, 30.8547,
29.7225)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9B8D
RGB	139, 155, 141
RGB Percent	55%, 61%, 55%
CMY	0.4549, 0.3921, 0.4471
CMYK	0.10, 0.00, 0.09, 0.39
HSL	127°, 7%, 58%
HSV	127°, 10%, 61%
XYZ	27.1765, 30.8547, 29.7225
YIQ	148.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

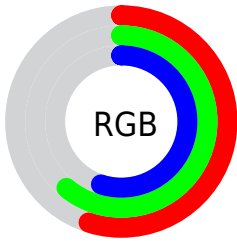
Format	Color
RYB	139, 153, 155
Decimal	9149325
CIELab	62.38, -8.47, 5.41
CIELCh	62, 10.046, 147.438
Yxy	30.8547, 0.3097, 0.3516
Android (android.graphics.Color)	4287339405 (0xFF8B9B8D)
YUV	148.6200, -3.7567, -8.4367
Hunter-Lab	55.5470, -9.8757, 7.1576

Details

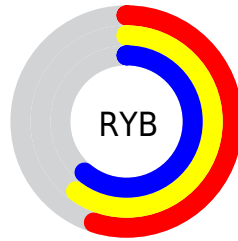
The XYZ color **27.1765, 30.8547, 29.7225** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5010, 27.7344, 33.9895**, and the grayscale version is **28.4249, 29.9053, 32.5668**.

A 20% lighter version of the original color is **54.6431, 60.8785, 60.5005**, and **10.9585, 12.7798, 11.7867** is the 20% darker color. If you saturate the color by 10%, you get **23.8215, 29.2356, 24.6163**, and if you desaturate by 10%, it is **31.0238, 32.7151, 35.4983**.

Distribution



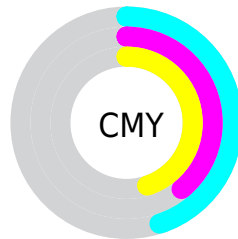
- Red (55%)
- Green (61%)
- Blue (55%)



- Red (55%)
- Yellow (60%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1765, 30.8547, 29.7225 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 27.1765, 30.8547, 29.7225 by changing the saturation by 10% instead.

■ 27.1765, 30.8547,
29.7225

■ 27.1765, 30.8547,
29.7225

280.6627,
305.8684, 314.7758

■ 17.8431, 20.4882,
19.3778

■ 54.5849, 61.0112,
60.2789

■ 10.9364, 12.7504,
11.7640

■ 73.3905, 81.5701,
81.3276

■ 6.0911, 7.2569,
6.4626

■ 96.0843, 106.2952,
106.7814

■ 2.9417, 3.6233,
3.0551

123.0316,
135.5710, 137.0589

■ 1.1230, 1.4652,
1.1228

154.5977,
169.7818, 172.5785

■ 0.0442, 0.2640,
0.0000

191.1480,

■ 0.0000, 0.0000,

209.3120, 213.7588

0.0000

233.0479,
254.5461, 261.0184

■ 27.1765, 30.8547,
29.7225

■ 27.1765, 30.8547,
29.7225

■ 23.8215, 29.2356,
24.6163

■ 31.0238, 32.7151,
35.4983

■ 20.9365, 27.8441,
20.1534

■ 35.3796, 34.8220,
41.9644

■ 18.5011, 26.6712,
16.3090

■ 40.2623, 37.1853,
49.1435

■ 16.4925, 25.7056,
13.0557

■ 45.6889, 39.8133,
57.0564

■ 14.8861, 24.9354,
10.3643

■ 51.6754, 42.7138,
65.7230

■ 13.6543, 24.3469,
8.2028

■ 58.2372, 45.8944,
75.1626

■ 12.7664, 23.9252,
6.5362

■ 65.3893, 49.3624,
85.3938

■ 12.1864, 23.6524,
5.3253

■ 70.1396, 51.5749,
96.2937

■ 11.8427, 23.4921,
4.5433

■ 71.0119, 51.9238,
100.8873

Harmonies

Analogous

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



28.1375, 30.8547, 27.3754



27.1765, 30.8547, 29.7225



26.7900, 30.8547, 33.2618

Triad

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



27.1765, 30.8547, 29.7225



29.2097, 30.8547, 41.6495



31.7099, 30.8547, 30.2602

Complementary

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



27.1765, 30.8547, 29.7225



28.5010, 27.7344, 33.9895

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.



32.0182, 30.8547, 33.9315



27.1765, 30.8547, 29.7225



30.5485, 30.8547, 40.6929

Square

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



27.1765, 30.8547, 29.7225



27.9410, 30.8547, 40.3136



31.5869, 30.8547, 37.7912



30.7570, 30.8547, 27.6686

Rectangle

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



27.1765, 30.8547, 29.7225



26.9009, 30.8547, 35.8911



31.5869, 30.8547, 37.7912



31.8937, 30.8547, 31.4000

Sweetspot

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



27.1774, 30.8560, 29.7232



53.5848, 57.6326, 60.6212



29.5448, 32.0935, 29.0640



12.0047, 12.9850, 13.5356



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.



27.1774, 30.8560, 29.7232



47.4547, 54.6704, 51.3905



27.7839, 31.0986, 32.9173



6.1620, 6.9375, 6.7766



9.5200, 18.8715, 3.6931



0.1495, 0.2850, 0.0929

Inverse Universe

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



28.5010, 27.7344, 33.9895



50.2278, 48.1304, 60.3283



27.8723, 27.4829, 30.6785



6.4280, 6.3104, 7.6338



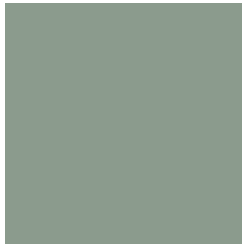
14.4150, 7.0202, 19.2423



0.2236, 0.1082, 0.3305

Previews

White Background



This preview shows how the XYZ color 27.1765, 30.8547, 29.7225 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 27.1765, 30.8547, 29.7225 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 27.1765, 30.8547, 29.7225

Background



This preview shows how black text looks on a background with the XYZ color 27.1765, 30.8547, 29.7225.

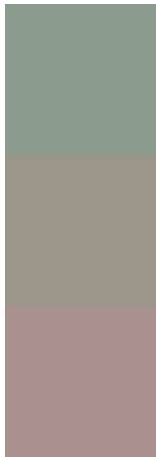


This preview shows how white text looks on a background with the XYZ color 27.1765, 30.8547,

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

27.1765, 30.8547, 29.7225

Protanopia

29.2041, 30.7156, 28.4342

Deuteranopia

31.2318, 30.5588, 30.2389



Tritanopia

29.2568, 30.9764, 39.5590

Trichromacy



Original Color

27.1765, 30.8547, 29.7225

Protanomaly

28.4661, 30.8046, 28.8717

Deuteranomaly

29.5346, 30.6160, 29.9440

Tritanomaly

28.5473, 30.9335, 35.9187

Monochromacy



Original Color

27.1765, 30.8547, 29.7225

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9320, 30.2283, 31.5566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1765, 30.8547, 29.7225 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(139, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(139, 155, 141)  
}
```

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(139, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.1765, 30.8547, 29.7225 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(139, 155, 141) }
```


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

```
.border{ border-color:rgb(139, 155, 141) }
```

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

Here you see how a box with a 4 pixel rgb(139, 155, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 155, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 155, 141);  
box-shadow:4px 4px 4px 4px rgb(139, 155,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1765, 30.8547, 29.7225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 155, 141) }
```

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

```
.background{ background-color: rgb(139,  
155, 141) }
```

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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