

Converting Colors

XYZ(21.4367, 24.4427, 27.6328)

Have a look what the booklet for
XYZ(21.4367, 24.4427, 27.6328)
contains.

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Color

**XYZ(21.4367, 24.4427,
27.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	768C8A
RGB	118, 140, 138
RGB Percent	46%, 55%, 54%
CMY	0.5373, 0.4510, 0.4588
CMYK	0.16, 0.00, 0.01, 0.45
HSL	175°, 9%, 51%
HSV	175°, 16%, 55%
XYZ	21.4367, 24.4427, 27.6328
YIQ	133.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

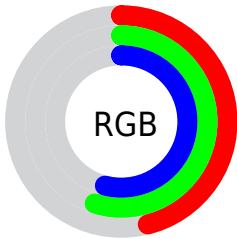
Format	Color
R_{YB}	118, 130, 140
Decimal	7769226
CIE _{Lab}	56.53, -8.27, -1.58
CIE _{LCh}	57, 8.419, 190.788
Yxy	24.4427, 0.2916, 0.3325
Android (android.graphics.Color)	4285959306 (0xFF768C8A)
YUV	133.1940, 2.3694, -13.3251
Hunter-Lab	49.4396, -9.1227, 1.4693

Details

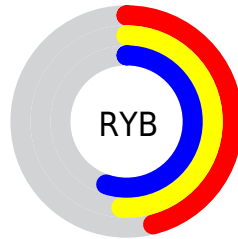
The XYZ color **21.4367, 24.4427, 27.6328** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6847, 19.8890, 20.5191**, and the grayscale version is **22.3604, 23.5249, 25.6186**.

A 20% lighter version of the original color is **45.2733, 50.8912, 56.7270**, and **7.8719, 9.2821, 10.6093** is the 20% darker color. If you saturate the color by 10%, you get **19.5833, 23.4985, 27.0678**, and if you desaturate by 10%, it is **23.5748, 25.5349, 28.2178**.

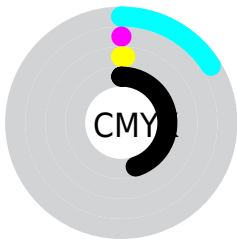
Distribution



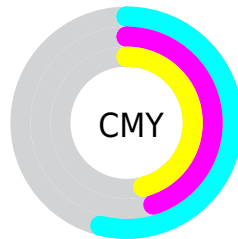
- Red (46%)
- Green (55%)
- Blue (54%)



- Red (46%)
- Yellow (51%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4367, 24.4427, 27.6328 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 21.4367, 24.4427, 27.6328 by changing the saturation by 10% instead.

■ 21.4367, 24.4427,
27.6328

■ 21.4367, 24.4427,
27.6328

252.2783,
275.0510, 304.5647

■ 13.5579, 15.6623,
17.8124

■ 45.2990, 50.7517,
56.9137

■ 7.8934, 9.2855,
10.6473

■ 62.0132, 69.0491,
77.2113

■ 4.0781, 4.9279,
5.7191

■ 82.4032, 91.2876,
101.8383

■ 1.7464, 2.2050,
2.6090

106.8345,
117.8516, 131.2134

■ 0.4850, 0.7227,
0.8971

135.6722,
149.1256, 165.7550

■ 0.0000, 0.0000,
0.0000

169.2819,

185.4939, 205.8817

208.0288,
227.3409, 252.0121

■ 21.4367, 24.4427,
27.6328

■ 21.4367, 24.4427,
27.6328

■ 19.5833, 23.4985,
27.0678

■ 23.5748, 25.5349,
28.2178

■ 18.0002, 22.6928,
26.5206

■ 26.0071, 26.7779,
28.8217

■ 16.6746, 22.0198,
25.9911

■ 28.7453, 28.1786,
29.4456

■ 15.5922, 21.4720,
25.4785

■ 31.7999, 29.7421,
30.0900

■ 14.7371, 21.0413,
24.9822

■ 35.1807, 31.4738,
30.7554

■ 14.0915, 20.7185,
24.5012

■ 38.8972, 33.3783,
31.4422

■ 13.6350, 20.4930,
24.0346

■ 42.9585, 35.4606,
32.1510

■ 13.3373, 20.3493,
23.5809

■ 47.3734, 37.7249,
32.8821

■ 13.2265, 20.2963,
23.3890

■ 52.1503, 40.1758,
33.6359

Harmonies

Analogous

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



21.5044, 24.4427, 24.8841



21.4367, 24.4427, 27.6328



21.8398, 24.4427, 30.2821

Triad

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



21.4367, 24.4427, 27.6328



24.4798, 24.4427, 30.8946



23.8551, 24.4427, 21.8539

Complementary

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



21.4367, 24.4427, 27.6328



20.6847, 19.8890, 20.5191

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.



24.6823, 24.4427, 23.2547



21.4367, 24.4427, 27.6328



25.0498, 24.4427, 28.4222

Square

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



21.4367, 24.4427, 27.6328



23.5851, 24.4427, 32.2510



25.1249, 24.4427, 25.6204



22.8825, 24.4427, 21.6752

Rectangle

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



21.4367, 24.4427, 27.6328



22.3281, 24.4427, 31.5866



25.1249, 24.4427, 25.6204



24.1601, 24.4427, 22.1926

Sweetspot

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



21.4374, 24.4437, 27.6333



41.8080, 45.1430, 49.8109



20.4223, 24.0726, 20.7099



9.5758, 10.3725, 11.4626



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.4374, 24.4437, 27.6333



36.5319, 42.4500, 48.3454



20.3487, 22.0322, 27.9923



5.1535, 5.6809, 6.3296



11.7555, 18.0348, 20.8009



0.0808, 0.1209, 0.1522

Inverse Universe

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



20.6847, 19.8890, 20.5191



34.9346, 32.7837, 33.2484



21.6496, 22.0114, 20.2474



5.0502, 5.0555, 5.3526



9.6766, 4.9808, 0.8013



0.0664, 0.0339, 0.0164

Previews

White Background



This preview shows how the XYZ color 21.4367, 24.4427, 27.6328 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4367, 24.4427, 27.6328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

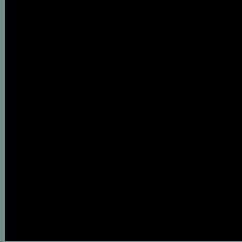
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

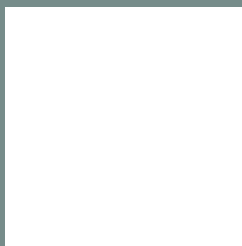
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4367, 24.4427, 27.6328

Background



This preview shows how black text looks on a background with the XYZ color 21.4367, 24.4427, 27.6328.



This preview shows how white text looks on a background with the XYZ color 21.4367, 24.4427,

27.6328.

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

21.4367, 24.4427, 27.6328

Protanopia

23.5184, 24.4805, 26.4073

Deuteranopia

24.7040, 24.2370, 28.1871



Tritanopia

22.2590, 24.3400, 31.9587

Trichromacy



Original Color

21.4367, 24.4427, 27.6328

Protanomaly

22.7497, 24.4942, 26.8214

Deuteranomaly

23.3386, 24.1485, 27.8571

Tritanomaly

21.9512, 24.4315, 30.3469

Monochromacy



Original Color

21.4367, 24.4427, 27.6328

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.0794, 23.9468, 26.3802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4367, 24.4427, 27.6328 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(118, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(118, 140, 138)  
}
```

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(118, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 140, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.4367, 24.4427, 27.6328 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(118, 140, 138) }
```


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

```
.border{ border-color:rgb(118, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(118, 140,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4367, 24.4427, 27.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 140, 138) }
```

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

```
.background{ background-color: rgb(118,  
140, 138) }
```

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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